

HOUSE & GARDEN

A Condé Nast Publication

UNIVERSITY OF HAWAII

OCT 9 1933

LIBRARY





New distinctive colors . . . new suppleness
of texture, in this new all-wool blanket . . . **KENWOOD** Manor

ITS colors will capture you the moment you see them. A rose that lends warmth to a room . . . a clear, heavenly blue . . . that luxurious rose-biege you have wished for but never found before . . . green . . . orchid . . . golden yellow . . . a delicate peach . . . and blessed discovery—a snowy white! No wonder women exclaim over the beauty of the new Kenwood Manor blanket. Its distinctive colors were developed by a famous woman designer and dec-

orator who knows what women want.

You'll like its supple texture, too, the soft rich feel of it, the way it folds its comforting warmth about you. It is perfectly woven, beautifully napped, and bound in satin ribbon that matches exactly each distinctive color tone.

Then there is the pleasant surprise of its modest cost. For Manor is one of the new blanket values brought to you this season through the skill of Kenwood crafts-

men. There are now Kenwood Blankets and Throws for every purse and purpose. All are 100% new wool. Each, at its price is the greatest value this famous mill can make or you can buy. They are sold, only under the Kenwood label, by selected stores with a reputation for handling quality merchandise.

Kenwood Mills, Empire State Building, New York City. Mills at Albany, N. Y.

Kenwood Blankets are also produced in Canada by KENWOOD MILLS, LIMITED, Arnprior, Ontario



KENWOOD SUPREME—The aristocrat of blankets; soft and velvety; luxurious in every detail.
KENWOOD FAMOUS—America's warmest blanket; of lifetime quality; now available in 19 colors.
KENWOOD MANOR—A soft, beautifully-napped, comfortable weight blanket, supple in texture.

KENWOOD COTTAGE—A wonderful value in a utility blanket; close, even texture, well napped.
KENWOOD DOUBLETON—An excellent quality pair of blankets, separately bound; in seven colors.
KENWOOD EVENTIDE—A new downy-light pure-wool summer blanket, in seven spring flower colors.

KENWOOD REVERIE—A luxurious new Throw, unusual in weave, with hand-knotted self fringe.
KENWOOD SLUMBER THROW—A sturdy, basket-weave Throw for informal use; ribbon bound.
KENWOOD SIESTA—A rugged, homespun, fringed Throw for camp, country or spectator sports.

KENWOOD all wool **BLANKETS** FOR EVERY PURSE and PURPOSE

*He doesn't
kiss you
good bye?*

HOW'S YOUR BREATH TODAY?

Any woman, any man, who fails to keep the breath beyond suspicion is headed for neglect.

The condition of your breath should be your first consideration—every day. Nothing repels others, even loved ones, like a case of halitosis (unpleasant breath).

Why guess about your breath? Why not make sure that it is sweet, wholesome, agreeable? So much depends on it—popularity, friendships, the affection of others, happiness, and peace of mind.

And it is so easy to be sure! Sim-

ply rinse the mouth with Listerine.

Listerine is antiseptic and therefore instantly halts fermentation of tiny food particles in the mouth and on the teeth and gums—the cause of 90% of breath odors. Having thus struck at the cause of odors, Listerine gets rid of the odors themselves. Tests show that Listerine instantly

overcomes odors that ordinary mouth washes cannot conquer in 12 hours.

Begin today to make your breath agreeable. Every morning and night, and between times before social or business engagements, use Listerine. Lambert Pharmacal Company, St. Louis, Missouri.



LISTERINE

instantly conquers halitosis (bad breath)



No expense spared
to gain luxurious beauty

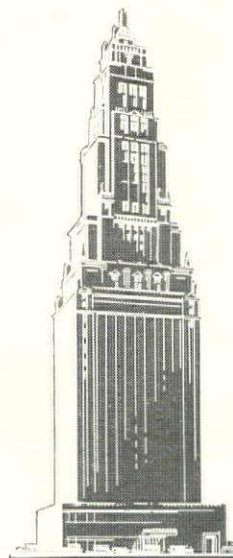
YET YOU CAN HAVE THE SAME SMART CURTAINS THAT GRACE NEW YORK'S FAMOUS RITZ TOWER

In all the 1,481 windows of this fashionable and perfect apartment hotel only curtains of Quaker lace and net are used. They were chosen because they so charmingly fulfill today's distinguished mode—and not because they are costly. On the contrary Quaker curtains may be had for as little as \$1.50 a pair. Yet there are three additional reasons why the acknowledged preference everywhere is for Quaker curtains; their style, their variety, and their quality.

If You Have a Curtain Problem, Send for This Book

The first book published showing window curtaining problems as found in the best American homes and photographs of their solution. Twenty-four pages of the most helpful information ever assembled. Includes a variety of Quaker curtain styles. Sent for 10 cents, stamps or coin.

QUAKER LACE COMPANY, 330 FIFTH AVENUE, NEW YORK



Style... Lace and net curtains are the fashion today. Decorators and magazine editors recognize Quaker as the authority on correct styles in lace and net.

Variety: There are Quaker curtains designed for every type of window and to complement every decorative scheme.

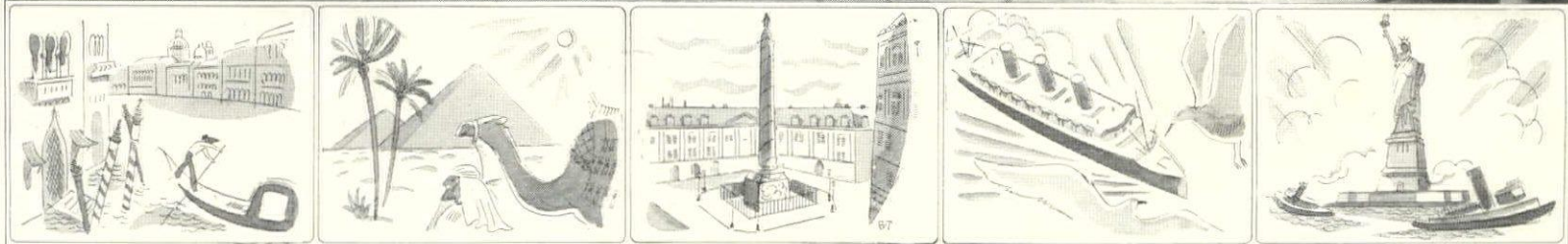
Quality: Selected yarn, firmly tied knots, hand finish and rigid inspection—Quaker curtains are made to last.

Leading stores everywhere are displaying the new Quaker Fall curtains. A greater selection of styles and patterns than ever before.

THE RITZ TOWER
PARK AVE. at 57th STREET
New York, N. Y.

QUAKER *Lace and Net* CURTAINS





In all her travels **NO SUCH LUXURY**

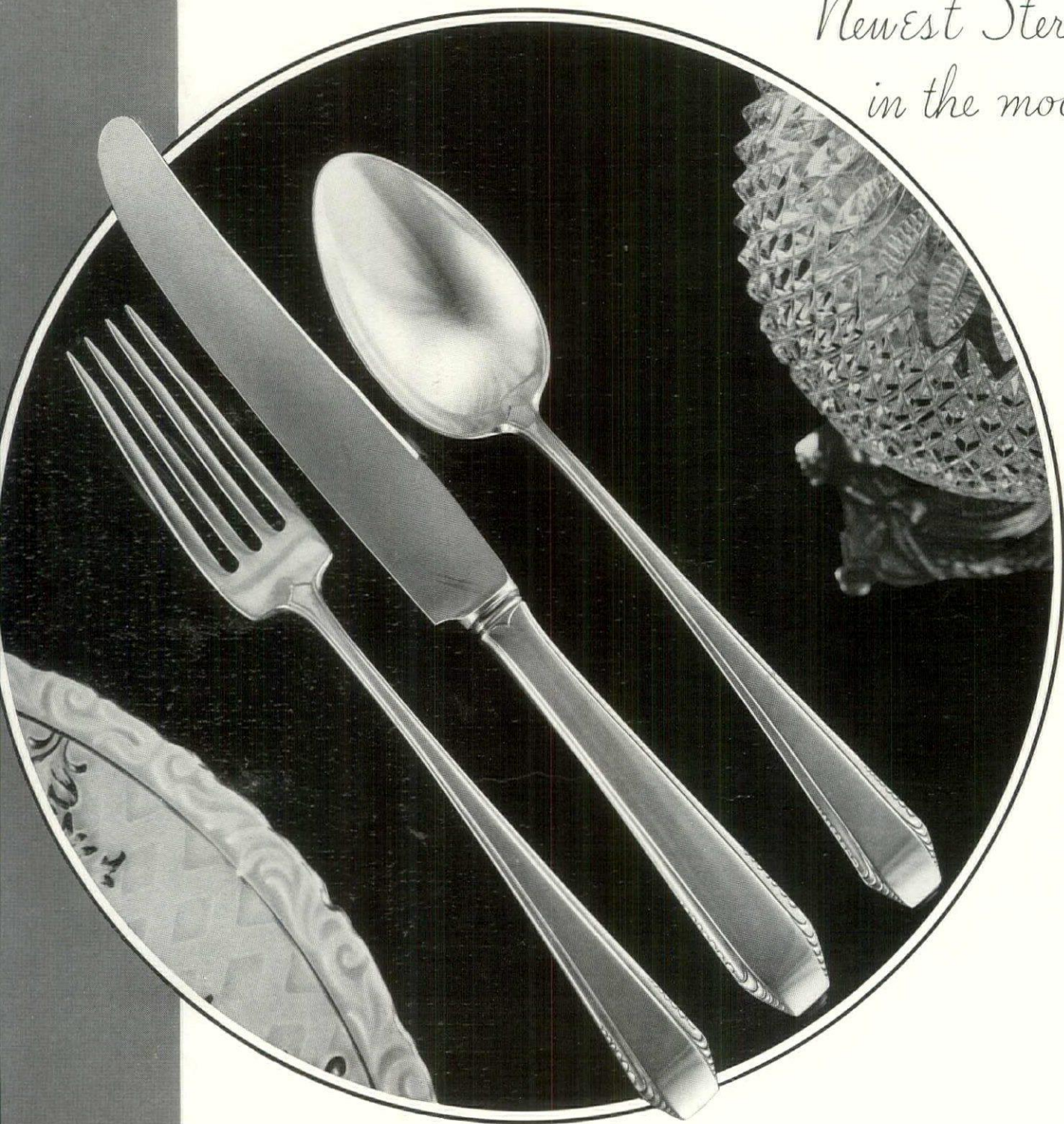
A most fastidious woman, accustomed to the nicer things, recently returned from abroad to re-discover the luxury of her Pepperell Peeress Sheets. Nowhere in all her travels had she seen or felt a sheet that even approached its smoothness, softness, whiteness and beauty. Perfectly balanced weaving, equalizing the strength in the length and the width, gives Peeress amazing wearing qualities yet produces a texture that's

gossamer fine—smooth as a flower petal. And you'll love the hem variations—deep plain ones, embroidered scallops, exquisite hemstitching in one, two, three or four rows. And, we might add in passing, its price is not extravagant. Peeress is now available, not everywhere, but in many of your favorite shops. If they have not already stocked them, write to us direct—Pepperell Manufacturing Company, 160 State Street, Boston, Mass.

ANNOUNCING THE

CASCADE

*Newest Sterling Pattern
in the mode of today*



The beautiful panel is set off by natural curving motifs like cool cascading water.

The season's debutante . . . up to date . . . 1933 tempo . . . the CASCADE is TOWLE's very newest nomination for the "dining hall of fame." It is an ideal complement to today's newest table ensembles, yet the classic concept of its beauty makes it equally suitable with other periods. Like its sister patterns on the opposite page, CASCADE will be open stock for many years, as other TOWLE Sterling patterns are which were brought out as long ago as the 1890s.

The craftsmanship of CASCADE is unexcelled. Its flawless finish and beautiful sheen are achieved only by special methods used by our most highly-skilled craftsmen, supplemented by the careful inspection of each individual piece time after time in the process of creating it. This new CASCADE pattern will be featured in the dining room of "The House of Years" in W. & J. Sloane's New York City and Washington, D. C. stores during this month. See CASCADE and other Towle patterns at your jeweler's.

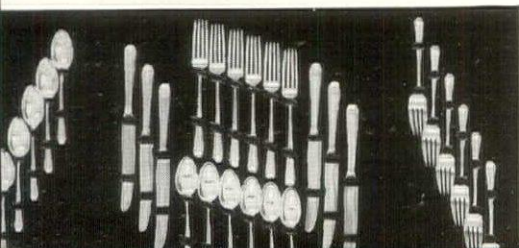
16-piece set—Sterling—only \$37³⁵*

THRIFTY 30-PIECE SET FOR \$64⁰⁰*

12 tea spoons 6 knives, medium size 6 salad forks 6 forks, medium size

ANTI-TARNISH CASE, \$2.50 extra; velvet lined in Nile green and black; holds 30 pieces (see photo at left)

4 knives, medium size
4 forks, medium size
4 salad forks
4 tea spoons



*Silver hollow ware has a luxurious and durable finish. Leavitt. These low prices are in effect as this advertisement is being prepared.

and Five others
from
Towle's twenty-two
open stock
Sterling Patterns . . .
Noted
for their
Flawless Finish . . .
Style . . .
Proportion and Balance . . .
Artistic Design . . .
Fine Craftsmanship . . .
Long life in open stock.

TOWLE

Makers of STERLING only . . . with
unbroken craft traditions since 1690
in NEWBURYPORT, MASSACHUSETTS

THE SYMPHONY

is a modern expression of Early American ideals and forms . . . quiet simplicity, character, balance, poise. Like these other Towle Sterling patterns, it blends beautifully with the table linens of today.

OLD BROCADE

is a new pattern and is very lovely, and sets an effective new style in Sterling. It is luxurious, rich, and with a beautifully smooth brocaded type of decoration. It is pleasant to live with, easy to clean, and does not show finger prints or scratches. Its price is very modest.

THE CRAFTSMAN

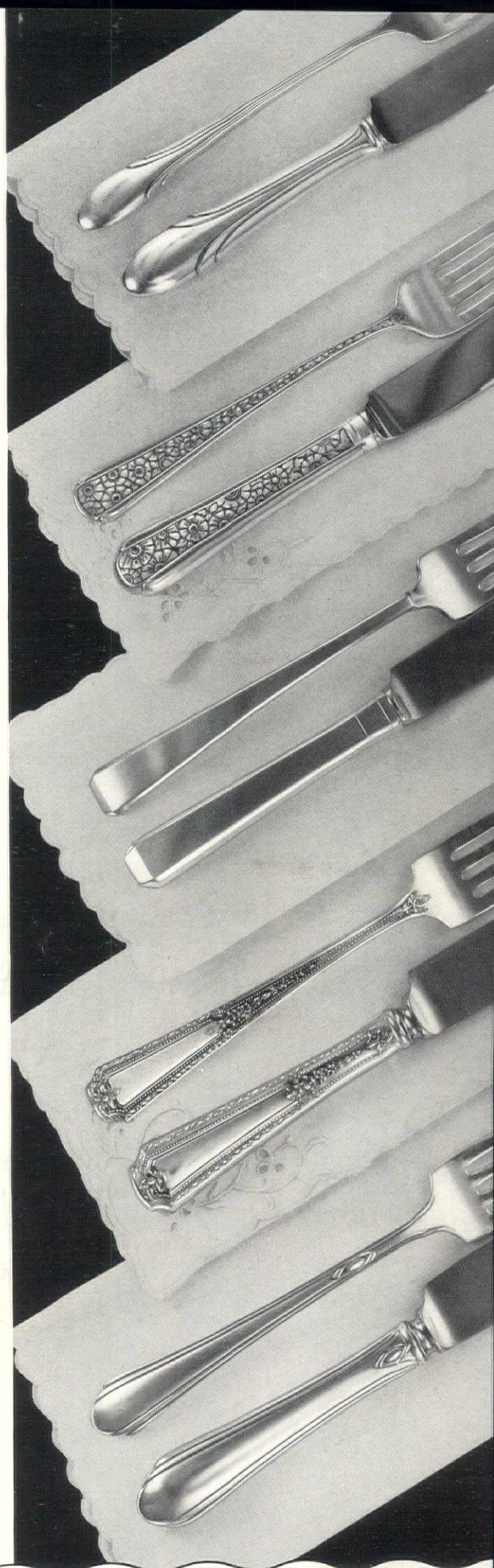
is also new, and has the feeling, weight, and many characteristics of handmade silver. Note the suggestion of a joint near the tines . . . an interesting old English silversmithing form. The balance is perfect. Each piece fits the hand comfortably. The finish is beautiful.

THE LOUIS XIV

You will rejoice in the stately distinction of this popular pattern and delight in its perfect harmony with your period dining room. Add to your set when you wish, for Louis XIV, like all Towle patterns, is guaranteed to remain open stock for years to come.

THE LADY DIANA

is slender and lovely, and delightfully feminine. It is table silver with the charm of simplicity and refinement . . . of soft contours and smart lines. Connoisseurs commend it as a fine expression of youthful modern loveliness.



NEW PATTERN SELECTION CABINET

To Help You Choose Quality

When you see this new cabinet in a jewelry store you can be sure of three things:

1. It is one of the leading jewelry stores in the country, carefully selected for knowledge of Sterling.
2. You will be sure of seeing the most up-to-date, modern, lovely Sterling patterns available.
3. You can at last be sure of quality, for these are Towle patterns, and Towle has stuck to quality, made no cheap "specials."

Read the "FIVE POINTS OF QUALITY" in the message on this cabinet.



LET EMILY POST HELP YOU PLAN YOUR WEDDING

Shall it be a church or home wedding, and why? What is the correct order for your wedding procession? What shall you serve at your wedding breakfast? These and a hundred other questions Emily Post answers in her delightful brochure "Bridal Silver and Wedding Customs." Use coupon below.

The Towle Silversmiths, Newburyport, Mass., Dept. G-10: I enclose 25c for Emily Post's "Bridal Silver and Wedding Customs," including an engraving chart, illustrations, and prices of Towle patterns. I am especially interested in _____ pattern.

Name _____

Address _____

My regular is _____

BRIDAL
SILVER
AND
WEDDING
CUSTOMS

EMILY
POST



Child's desk in Pine with inset figures in color. Ht. 36", wd. 30", ht. desk, 25". \$35

CHILDHOOD, INC.

Designers and Makers
of
FURNITURE FOR CHILDREN



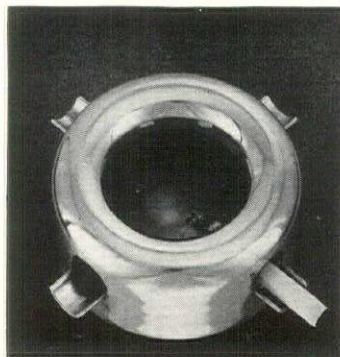
COMPLETE DECORATIVE SERVICE
Write for booklet 10-G
32 EAST 65th STREET, NEW YORK



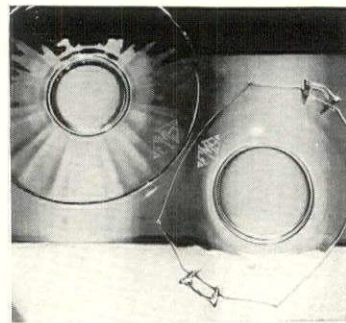
WHAT with its flaming leaves and chrysanthemums—and its own "harvest" moon, October is a pretty thrilling time in which to be wed. These first two pages of "Shopping Around" cover the "gifts for autumn brides" situation.

To begin with, there are the white pottery vases above. Singly they hold small cut flowers; in pairs, they are an unusual overmantel decoration. 6 and 8 inches tall, they are priced at \$12 and \$18 a pair. Blanche Fall Storrs, 518 Madison Ave., N. Y.

Shopping



TIRED of seeing the bride have all the fun and all the presents, this department is sponsoring a "showers for bridegrooms" movement and outlines herewith an idea or two as to what the marrying male might like. The penthouse ash-tray illustrated derives its name from the fact that it's proof against even the winds that play about roof top terraces—allowing neither ashes nor cigarettes to blow away. High chromium sides curve inward to keep the breezes out and the ashes in. \$3.50. Antique Dept., Bergdorf Goodman, 754 Fifth Avenue, New York.



GETTING back to the woman in the case, if you aspire to be her guest in the future lay the foundation for an invitation by giving her one of the two glass plates above. For cake or sandwiches as you, or she, please, each is decorated with a smart and egotistical monogram. The larger, a stunning-looking, flat disc, is 14 inches in diameter and costs \$4. The other, with glass handles, measures 10 by 14 inches. \$3.75. Monoware Glass Co., 225 East 60th Street, New York.

The Spinnet Grand*



Mathushek in the Spinnet Grand* has made an instrument of distinctive beauty and design. Although compact in size, it produces an unexpected volume, quality and depth of tone, made possible by distinctive Mathushek constructional features.

The fine case fits in with innumerable decorative schemes; it may be ordered in many distinct period designs.

See the Spinnet Grand* at our display room or write for address of dealer in your locality.

*Registered U. S. Patent Office

MATHUSHEK
14 East 39th Street New York

OUR FALL SALE

Affords the Discriminating
Buyer of **Antiques** and
Reproductions the
FINEST QUALITY
MERCHANDISE

At prices well below our 1932
mark-down and in addition a
Special Discount during this Sale

Ferdinand Keller, Inc.

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216-224 So. 9th St. • 1207 Walnut St.

PHILADELPHIA

WALnut 2885

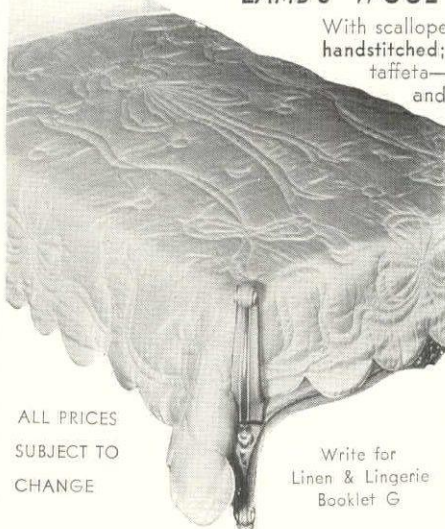
Linens MAISON DE LINGE Trousseaux

LAMB'S WOOL COMFORTABLE \$16.75

With scalloped edge; original Bowknot design; handstitched; covered with the durable Linden taffeta—in peach, Nile green, blue, gold and orchid. Postage 35c extra.

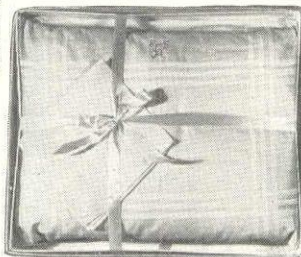
LINGERIE PILLOW SET

3 fine Batiste pillow cases 12" x 16", with your monogram, and fine satin covered down pillow. In peach, pink, blue and white. A very acceptable Christmas gift. . . . \$5.75



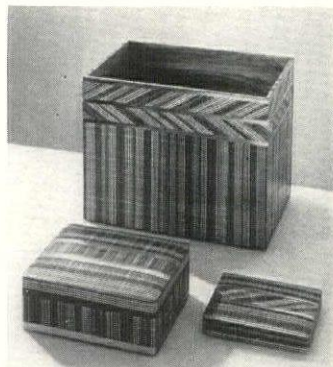
ALL PRICES
SUBJECT TO
CHANGE

Write for
Linen & Lingerie
Booklet G

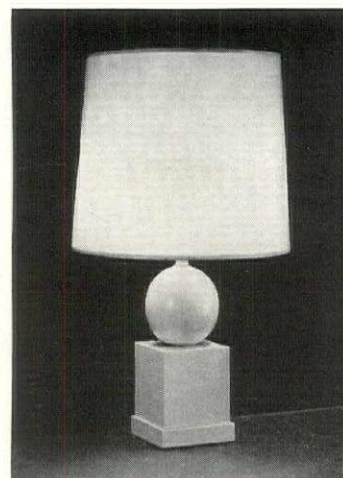


844 MADISON AVENUE
at 70th St., NEW YORK

POST ROAD at Milbank
GREENWICH, CONN.

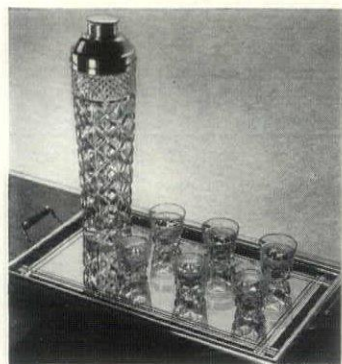


NEXT on "his" list are the ensembled cigarette boxes and wastebasket which our cameraman has caught in an informal pose, above. Covered in a veneer of zebra wood, striped black on beige, bordered with bands of gold paper and the whole shiningly and sturdily finished with a thin coat of shellac, they'd "make" his study or den. Both cigarette boxes are cedar-lined. The inside of the larger is divided into nine compartments which hold as many full packs of cigarettes. Those popular flat fifties may be slipped, in their original container, into the smaller. Wastebasket and large box, each \$8. Small box, \$5.50. Daniel Watson Studio, 310 East 31 St., New York.



If she's succumbed to white fever—or if you're in the dark as to what colors prevail in her new home, this all-white lamp will be your best choice. The base is painted wood. The shade is gauze and parchment. 17 inches tall. Shade, 10 inches in diameter. Price, complete, \$18.50. Also to be had with a colored, ebony or natural walnut base. Rena Rosenthal, 485 Madison Ave., N. Y.

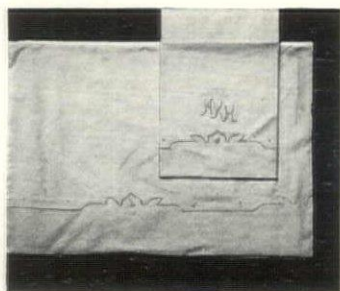
Around...



WHAT ostrich plumes and velvet and furs are to the beautiful woman this fall, cut crystal is to the perfect drink. And for a wedding gift that'll cut a real swath, there's the superb shaker with matching glasses that you see above. The shaker is \$15 and the glasses, \$12 a dozen. Applause for that good-looking tray in the background, too—mirrored surface framed in black glass and set in chromium, \$25. Arden Studios, 460 Park Ave., N. Y.



HELPFUL hint to the mother or father or other fond relative, bless him, who's giving the bride her kitchen—the table above or a big brother will do lots for culinary morale. This is the baby of the new International Nickel family known by their chromium-plated legs and monel tops. The bodies are light steel—white, ivory, green or black. 20 by 24 inches; 25 by 40½. \$26 and \$28 respectively. Wanamaker's, B'way at 9th St., N. Y.



THIS year's bride will probably be known by the monogram on her bed-linen, which will be as different from the lettering of yesteryear as a macadam road is from cobblestones. Made without the padding customary in this sort of work, the appearance of the new embroidery will be smooth and shining. This type of monogram was used on the percale pillowcase above, which can be had in sets of two cases and two sheets with embroidered border and lettering in white or in colors to order. Price, \$25. Maison de Linge, 844 Madison Avenue, New York.



To a rich auntie or any other gift giver who delights in "beaux gestes" I endorse the bed covering above. Made of finest quality silk taffeta its surface is richly embossed with trapunta quilting in a rare old Italian design. Incidentally, the taffeta, which may be had in any pastel color, is guaranteed sunfast. Every little stitch is put in by hand and I am told that it takes one needlewoman three weeks to complete a pattern like this. The flounce, which is scalloped and extends along two sides and the foot, is 18 inches wide. In single size this paragon of bedspreads costs \$60. The double size is \$75. Eleanor Beard, 519 Madison Avenue, New York.



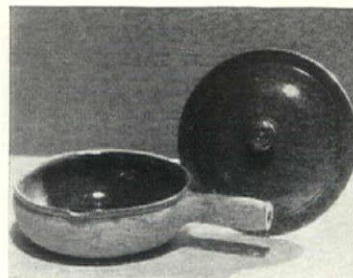
LAMPS are among those things a bride can't have too many of. The jaunty little fellow above with hat à la Maurice Chevalier is an excellent bedside light among other things. The hat which is finished in chromium to match the base, and dotted with tiny stars, sits atop a fat and frosty bulb and can be tilted at any angle to intercept the light—or it can be doffed entirely. Price, \$2.50. Madolin Mapelsden, 825 Lexington Avenue, New York.

RENA

Birds-eye maple relish dish with glass inserts... \$15

RENA ROSENTHAL
485 MADISON AVE... NEW YORK CITY

EN CASSEOLE



Savory Fresh Flavor

is retained when you use these excellent French Earthenware Cook Dishes. Just right for Sunday night suppers and holiday dishes. Fireproof; glazed inside, clay finish outside. Last indefinitely. A size for every purpose.

2-qt. Size with Cover, \$1.45 plus postage
This pottery is made in a district of the French Alps in France, the only known district in the world where fireproof and odorless clay is found. Ask for Circulars.

Prompt Attention Given to Mail Orders

BAZAR-FRANCAIS
CHARLES R. RUEGGER, INC.
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SIMULATE the glow of CANDLELIGHT



Now, with Candybeme Lamps, you can capture all the grace and charm of Candlelight glow for your lighting fixtures. Each lamp is hand-made, crystal-clear, almost invisible to the eye when lighted. Sturdy base and imported filament insure extra long life. You'll find Candybeme Lamps in the finest homes. Leading architects and decorators recommend them.

Clear50c each
Frosted55c each
Adapters15c each
(Illustration half actual size)

Candybeme Lamps fit small-size Candelabra sockets. Adapters used for regular-size sockets. If your dealer cannot supply you, order direct enclosing remittance. All charges prepaid.

We also design and make distinctive lighting fixtures and lamps for individual requirements. Our staff will gladly offer suggestions without obligation. Attractive brochure "The Charm of Lighting Fixtures" sent FREE with each Candybeme order upon request. Or mailed postpaid for 50c.



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CANDYBEME Lamps
PAT. APPL'D. FOR — TRADE MARK REG.

ANTIQUE PANELS

HAND BLOCKED WALLPAPERS

DEEP SWAG FRIEZES AND BORDERS

BARRIE & DESMOND

INCORPORATED

151 EAST 50 STREET, NEW YORK

ATTRACTIVE TABLES

nest of 3... \$16



THESE tables show the sturdy craftsmanship and the forthright beauty of furniture which is entirely hand made, hand rubbed, and hand finished. They are of solid maple, with either an antique finish or a golden honey tone. Largest table is 21 x 14 x 25¼". \$16 for the 3, f. o. b. Fairfield, Me. Order them direct.

We shall be pleased to answer inquiries or send catalog of our furniture.

Somerset Shops, Fairfield, Maine

STUDY INTERIOR DECORATION AT HOME

FOUR MONTHS PRACTICAL TRAINING COURSE

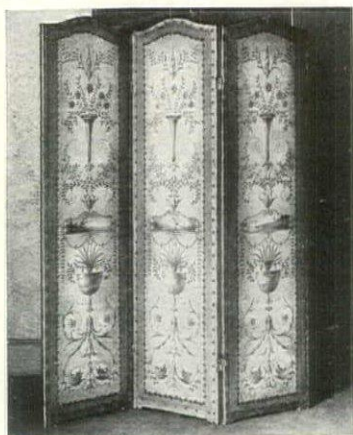
Authoritative training in selecting and assembling period and modern furniture, color schemes, draperies, lamp shades, wall treatments, etc. Faculty of leading decorators. Personal assistance throughout. Cultural or Professional Courses.

Home Study Course
starts at once • Send for Catalog 2C

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**NEW YORK SCHOOL OF
INTERIOR DECORATION**

578 Madison Avenue, New York City



ADAM SCREEN

Delicately painted on a light cream background with a soft green border.

Write for Catalog "M". Select a screen for yourself or for that puzzling wedding present.

Screens at \$45. up

Venezian Art Screen Co.
540 MADISON AVE., NEW YORK
between 54th and 55th Streets

BOBHILL PRESENTS A Living Picture



Continuous changing performance with new lighting effect. House your tropical pets in a C-YU (Sea-view) PORT-HOLE. The ONLY way to really enjoy them.

9 inches \$6, 12 inches \$12, 16 inches \$25
BOBHILL 126 Lafayette St., N. Y.

Solid Cast ALUMINUM NAME PLATES

Send for
Printed
matter

BRYAN M. GARDNER

Cast to order. Names, house numbers, directions, etc. Solid one-piece aluminum, heavy raised letters and border in satin silvery finish, black background. Mount on buildings, driveway, gateposts, trees, lawns, etc. Cannot rust. Last lifetime. Many styles. Price \$5.50 up. Style shown \$10.50 complete postpaid (double-faced \$12.50). Get circular.

Equipment Supply Corp.
11 West 42nd Street, New York

Time to Bring Plants Indoors



Flower Pot \$20.
P.O.B. Philadelphia
"A
Willingswood
Piece"

• When you bring your fine plants in for the winter, why not give them the setting their beauty deserves?

Order this flower pot in colours to blend with your home's décor, and ornamented with your family crest. Of concrete, 14½" high, 18" wide at rim; 13" inside at top, 10" wide at bottom. Order from

WILLINGSWOOD GARDEN ORNAMENTS
154 Hillcrest Ave., Chestnut Hill, Phila., Pa.



GARDEN FURNITURE

Send 10c for catalogue of Fountains, Benches, Jars, etc., for Garden, Penthouse and Interior.

POMPEIAN STUDIOS
30 E. 22nd St., New York

FURNISHING THE HOME

in good taste costs no more

Let Edward R. Barto

show you how

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No order too small for personal attention

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CANADA'S MOST TALKED-ABOUT GIFT SHOP

Wonderful selection of English Bone China. New Dinnerware booklet will be sent on request.

HERBERT S. MILLS
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EVEN IF YOU HAVE A BOOK . . .

A whole library full of books for the improvement of your mind—here is one book for the improvement of your face.

Vogue's Book of Beauty is a bible of practical information—covering every phase of beauty care that is of interest to the modern woman.

VOGUE'S BOOK OF BEAUTY \$1

VOGUE — 420 LEXINGTON AVENUE, NEW YORK CITY

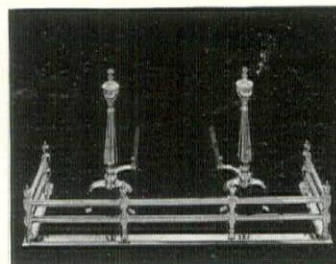
Shopping Around



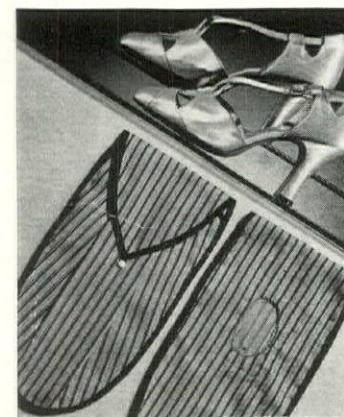
THEN there are the things that the bride may buy for herself. It she's a gardener at heart, she can make a conservatory of her window sill with the aid of this plant stand, 10½ inches tall, 24½ inches wide. Wrought iron painted white. \$2.75. Tin pots in red, 65c. Other colors to order. Hand Craft Studio, 820 Lexington Ave., N. Y.



THE cut-outs above put personality into plain walls, when pasted on in any arrangement one's creative instinct suggests. Illustrated are an assortment of golliwogs and other alcoholic animals for the walls of a bar, ribbons and shells for a Victorian bathroom, and a shipshape variety of anchors, boats and the like. The clowns and elephants in the corners are deserters from a nursery circus. \$1 a package. Hammacher-Schlemmer, 145 East 57th Street, New York.



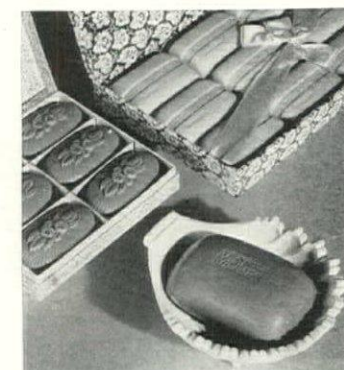
ABOVE are fender and andirons of solid brass for the new family's hearth. The fender, which may be had with brass ball finials instead of the urns, comes in 36, 42 and 48 inch lengths—\$11, \$12.50 and \$14, respectively. The andirons cost \$9.75. Adolph Silverstone, 21 Allen Street, New York.



PEEK-A-BOOTS is a new game played with your favorite shoes when they're in these new protecting bags, each of which has a tiny window so you can see what's inside without opening. In green, blue, peach, and navy and white, and brown and white striped piqué. 75c a pair. With bound slits instead of windows, 60c. Men's size in brown and white, or blue and white stripe, with slit, \$1. Emma Garrison, 78 Virginia Street, Waterloo, New York. Slippers, courtesy I. Miller & Sons, Inc.



THE flower stand above will fill an odd corner with an authentic Directoire air. In a light fruitwood, walnut, mahogany or old white and gold finish—the metal flower pot, dark green and old yellow, 33¼ inches tall. \$17.50. Joseph Aronson, 215 East 58th St., N. Y.



AMONG the soapy subjects above are, upper left, guest soap bouquets, 6 cakes, \$1. In large box, 9 cakes of hand soap, carnation-scented, \$1.50. Milk glass shell soap dish—\$3.50—with huge cake of bath soap. Latter, 3 in box, \$1.50. In all pastel colors. Au Bain, 751 Madison Ave., N. Y.

" I STARTED SMOKING
CAMELS FOURTEEN
YEARS AGO ——— "

MRS. ADRIAN ISELIN, II



■ Before her marriage to the famous yachtsman whose "Ace" in the star class won the Bacardi cup in Cuba again this year, Mrs. Adrian Iselin, II was Madeleine L'Engle. She grew up in New Orleans and the warmth and graciousness of the South is a definite part of her charm. She has an endless fund of enthusiasm and can always manage time to work in her garden at East Williston, Long Island, or make a flying trip to her seaside place on the Massachusetts coast. Her interest in painting is keen and she is an ardent collector of first editions. Her wit makes her a delightful hostess and her Southern spoon bread is famous. She always serves Camel cigarettes. She wears vivid colors with great *éclat*.

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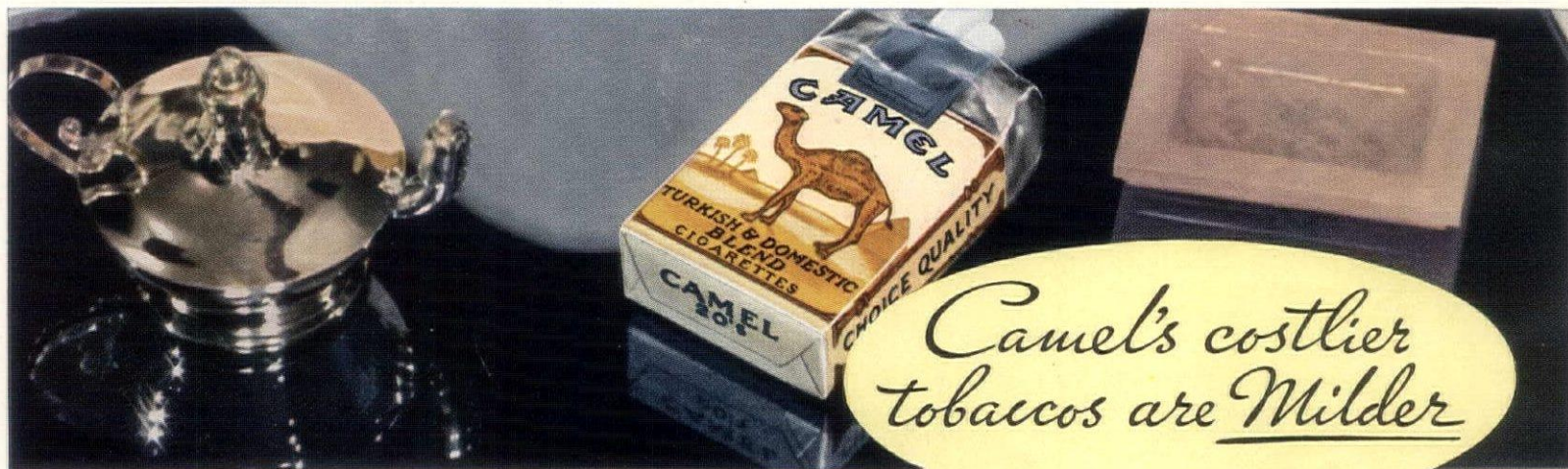
"I started smoking Camels fourteen years ago—and I like them just as much today as I did then," says Mrs. Iselin with conviction.

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What makes a blanket warm? And light? And if it's one, can it be the other? And *can* a blanket as careless and gay and exciting as North Star give longer and better service than one that looks as if it were made solely for utility? It can, and does. And for two reasons: The kind of wool that North Star buys, and the process of weaving that North Star uses.

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To those who give

By C. E. Harbison

THIS is the story of a dog named Falco. It is a true story and, strange to say, it has a moral of sorts—a very doggy moral, and after having read the story you may judge yourself accordingly. This is a tale of misunderstanding and sympathy, of fear and confidence, of mistrust and faith, of hate and love.

Falco was a true representative of his breed, having all the characteristics that come from good breeding—intelligence, keenness, beauty, but most of all he had a sense of loyalty to the highest degree, trusting those who understood him and loved him, having very little use for strangers. He was that kind of a dog—the kind everyone would like to have, giving himself to his master, asking so little in return.

When he was about two years old he was sold to the Williams family—wealthy people, living in a smart suburban section near New York. They ignored the dog, showed no pride in his presence. Falco did not belong. But the Williams' had a cook whose duty it was to feed Falco and take care of him. The cook was afraid of dogs and

mistrusted them—Falco especially. One day she made a move to hit Falco, and he very naturally resented this move with a warning growl. This happened a couple of times and Falco was labelled a vicious dog—not worthy of a place in such a modern household—where no one had the time or the inclination to even so much as pat Falco's head in answer to his mute desire for friendship and someone to respect and obey.

So it happened that the Burgess family, neighbors of the Williams', heard that their friends were going to dispose of Falco, and being the kind of people who knew that they could get from a dog only what they gave it, they did not expect to give indifference and get loving loyalty nor did they expect protection without giving it in some way themselves. For a long time they had wanted a dog to be a companion and protection for their little daughter, Marian, and they felt that with the proper handling and intelligent treatment Falco would live up to the reputation of his breed and be just what they wanted. And they were right.

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Ch. Kanzler v. Sigalsburg



Ch. Modern v. Simmenau-Rhinegold

In this new home Falco found a rock on which could grow the ever-spreading lichen of his loyalty. He met with fair treatment, with praise for his successes and disapproval for his failures. He found himself respected, and he, likewise, respected his master and his master's wife and little girl. Instinctively he knew that here he was wanted, loved, trusted and in a spirit that is known to be characteristic of his breed, he became worthy of this trust.

Several times he was left alone with Marian in her room where he always slept as her guardian. On this particular night of which I tell, Mr. and Mrs. Burgess were out for a short time. Sleep did not occur to Falco, but he lay there on the floor, not moving a muscle—ever faithfully on watch. And this time he heard a strange noise downstairs, immediately left to investigate and place himself between this unknown danger and Marian. Falco discovered an intruder in the dining room—an intruder with a shining, ugly pistol in his hand. . . .

About eleven o'clock Mr. and Mrs. Burgess came home, only to hear a sharp, warning bark from the dining

room. They found Falco holding a badly torn man at bay. The dog never once took his eyes off the strange man, nor did he move away from the spot where he was standing over a pistol. The man's coat was ripped from his shoulders and his right wrist and hand were bleeding, evidence of how Falco had fought for the pistol.

Well, that's my story. Others like it happen every day in homes where appreciative people have a Doberman Pinscher like Falco to guard their children and their property, perhaps their own lives. But even a Doberman won't play the game all by himself. You've got to be as good a sport as you expect him ever to be—and you'll get compound interest on your investment.

Mr. Robert S. Lemmon, writing in a previous issue of House & Garden, described the Doberman Pinscher as follows: "There is a deer-like quality about the movements of a good Doberman which I have never seen in any other breed. He is a decidedly tall dog, but splendidly proportioned." A study of the official "standard" describing the ideal specimen, discloses the following points which a Doberman should have: His head should be well propor-

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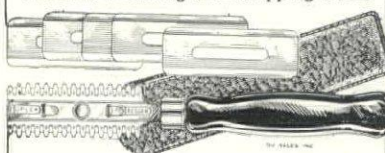
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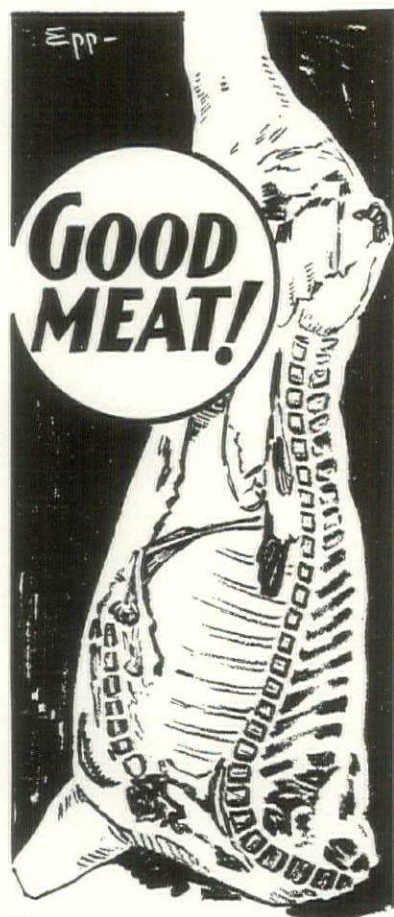
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To those who give



Ch. Carlo v. Bassewitz

tioned to the body, long and suggesting a blunt wedge. The top of the head is quite flat and the line of the forehead extends with only a slight depression to the ridge of the nose which, in turn, is straight or only a little curved. The cheeks are flat, lips close and the jaws full and powerful. A Doberman's eyes ought to be of medium size, dark in color and with a keen, energetic expression. Well-placed ears, of a set of strong teeth neither undershot nor over-shot, and a fairly long, muscular and slightly arched neck are characteristic.

Coming to the body, look for a firm short back with well-defined withers, a somewhat rounded rump and closely docked tail. The chest is arched and deep to the dog's elbow; brisket full but not noticeably broad. The belly is well "tucked up". Fore-shoulders are powerfully muscled and close to the

body; forelegs straight to the pasterns. Hind-quarters broad with powerfully defined muscles; viewed from behind the hindlegs are straight and turn neither in nor out. Feet should be short, compact and well arched. No dew-claws. A male stands from 23" to 27" high at the shoulder and a bitch 22" to 26".

A Doberman's coat and color contribute markedly to his well-groomed, gentlemanly appearance. His hair is short, hard and lies close to the skin. In color it is black, brown or blue with sharply defined deep tan "points".

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Ch. Toppo v. Sigalsburg



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A PEEP
INTO
MRS. PEPY'S
DIARY

SEPT. 15th

What to do with Nancy? The child is driving me mad. That remote, injured air. Maybe a change would help. Boarding school—I must give it some thought.

SEPT. 17th

Nancy is going Ghandi—refuses to eat. I caught her using my lipstick last night. That settles it. I'll pack her off to school. But where? I seem to have lost track of them. Dot Otis always has ideas. Must ask her.

SEPT. 18th

I shall do it today—this very minute. I shall write to House & Garden's School Bureau for information about boarding schools. Dot Otis says it is the simplest way of solving the matter. Why didn't I think of that? Here goes with a letter to House & Garden.

SEPT. 20th

It begins to look as though our troubles are over—as though this storm-tossed household might settle down to peace and quiet. A letter from House & Garden giving reams of good information. I found two schools that sound especially suited to Nancy. Wrote for catalogs. Really, I'll miss the child.

SEPT. 22nd

Catalogs arrived. — Hall sounds most attractive. Mrs. Everitt told me her niece has been going there for two years and is crazy about it. The VanVleets are sending Henriette there next year.

SEPT. 27th

Haven't had time to breathe. Nancy's off for — Hall tomorrow. She's absolutely thrilled.

SEPT. 28th

Well, she's gone. I hope I didn't make a spectacle of myself at the train. But she did suddenly look little and lost and just a baby. Must write and thank House & Garden for their helpful information.

OCT. 2nd

At last—a letter from Nancy. She has the "darlingest" roommate, the "cutest" teachers, the "most adorable" room, a "precious" riding instructor.

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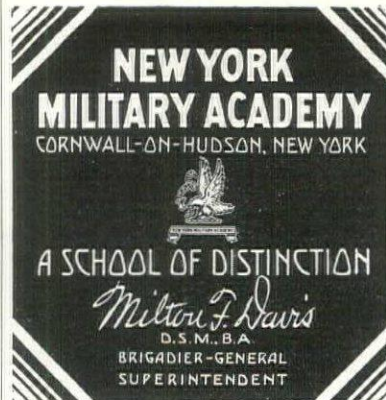
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185. NEW YORK SCHOOL OF INTERIOR DECORATION. Catalog I-R describes the various courses offered by this school, and catalog I-S discusses the Home Study Course for those who cannot come to New York. NEW YORK SCHOOL OF INTERIOR DECORATION, 578 MADISON AVENUE, NEW YORK CITY.



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186. FRENCH LINE. Schedule of the transatlantic crossings made by the ships of this line. FRENCH LINE, 19 STATE STREET, NEW YORK CITY.

187. GRACE LINE. Full information on the new Grace Line ships, sailing dates and itinerary will be sent free of charge. GRACE LINE, 10 HANOVER SQUARE, NEW YORK CITY.

188. FRANCE. Brochure illustrating the important and picturesque cities in France to be seen through the medium of the Railways of France. RAILWAYS OF FRANCE, 1 EAST 57TH STREET, NEW YORK CITY.

189. HAMBURG-AMERICAN LINE. Information on the world cruise of the Resolute in January, 1934. HAMBURG-AMERICAN LINE, 39 BROADWAY, NEW YORK CITY.

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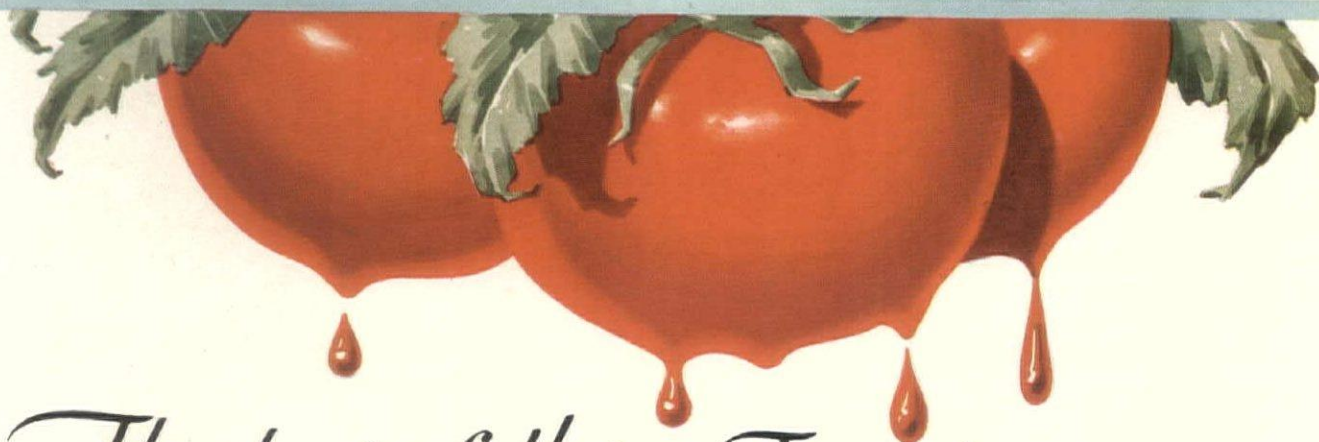
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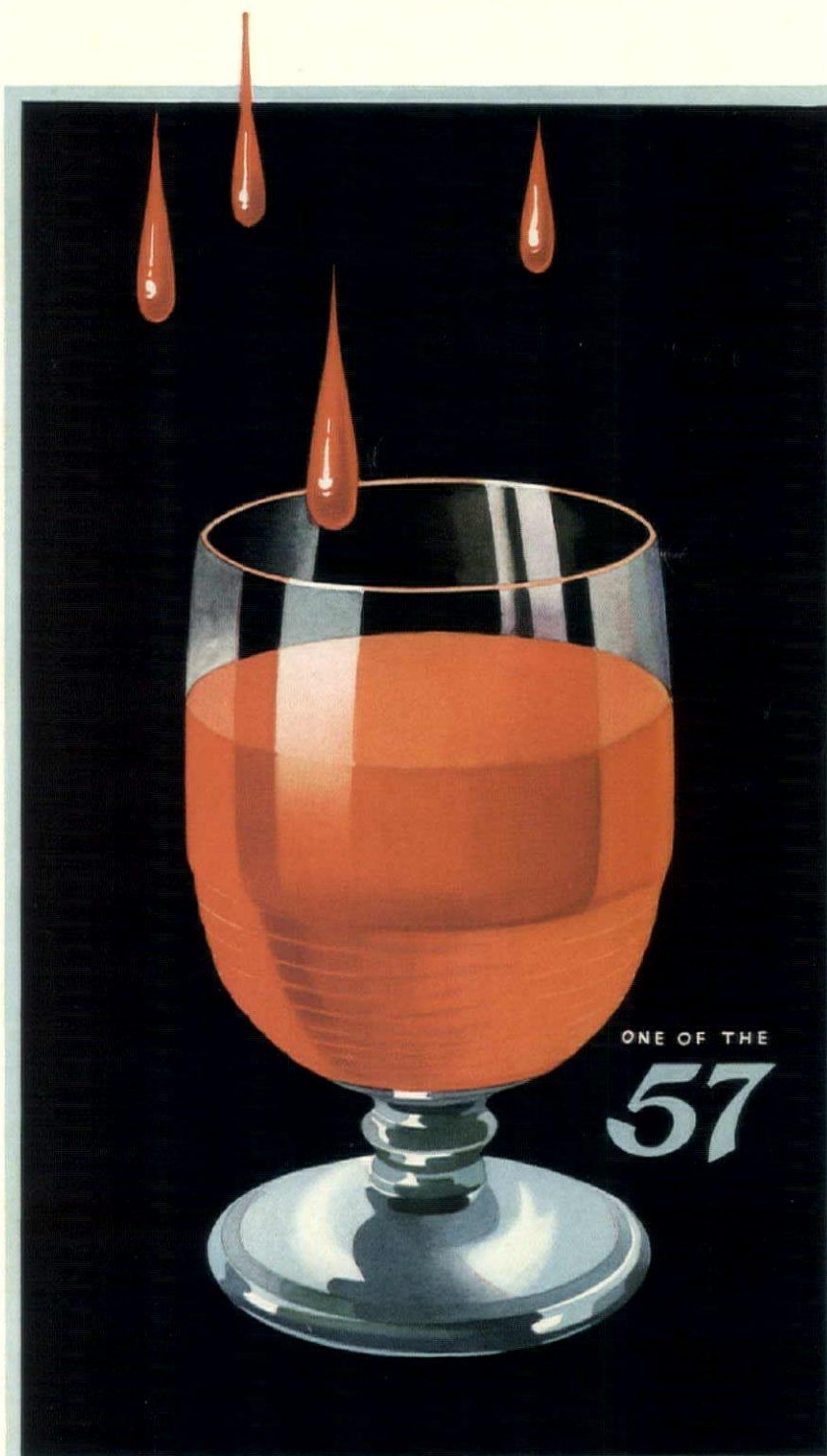
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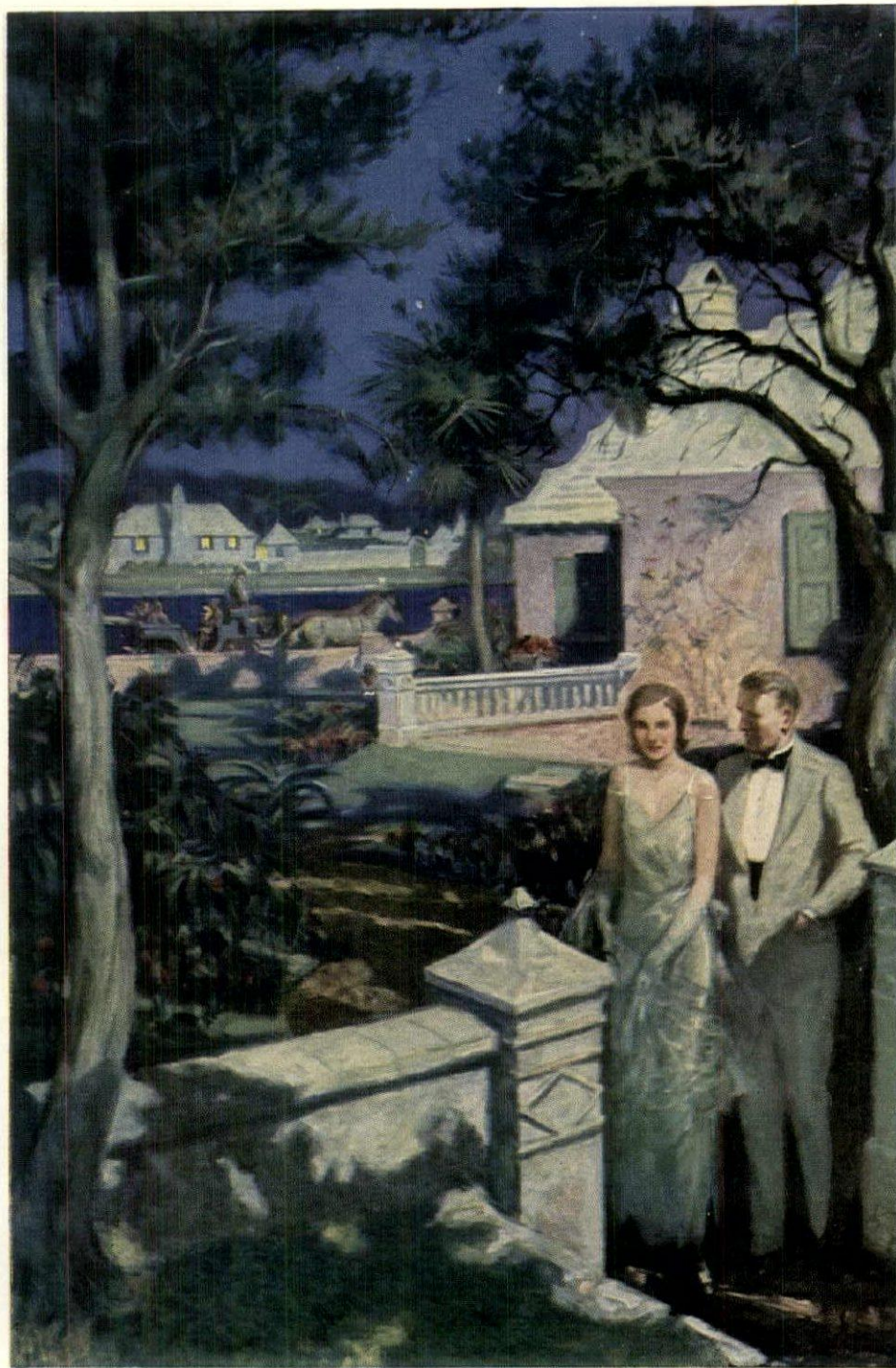
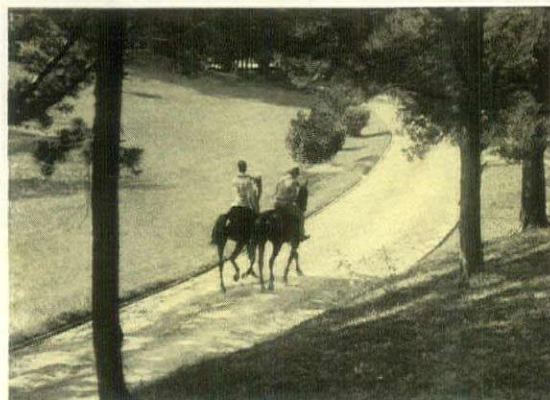
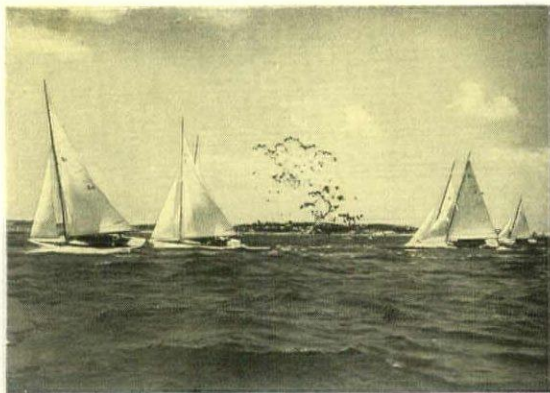
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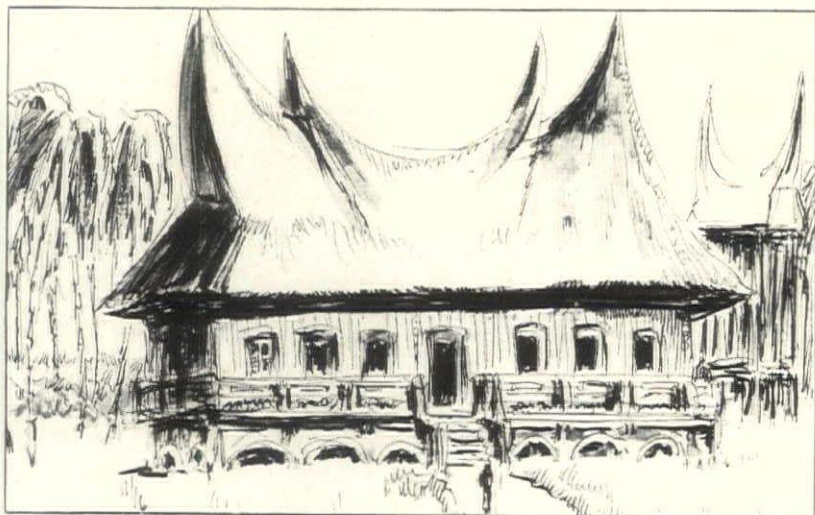
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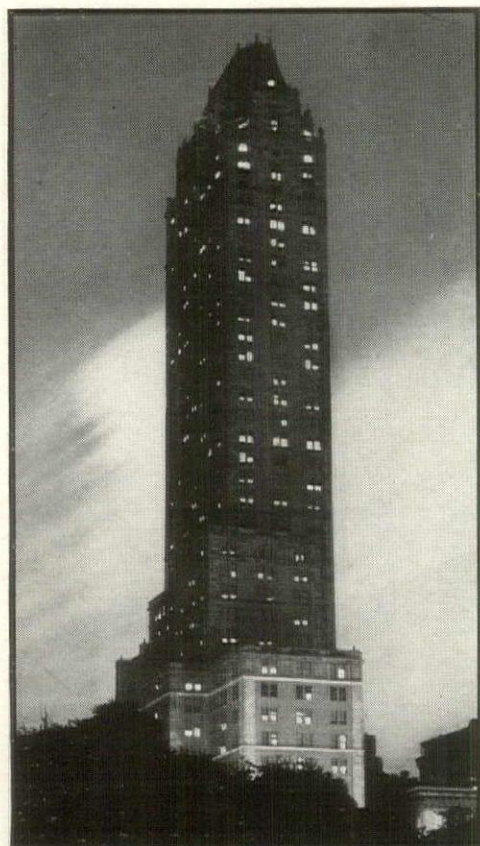
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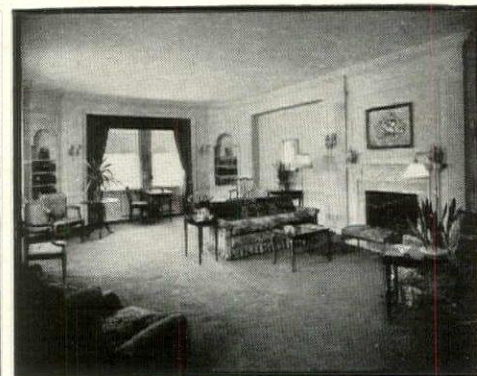
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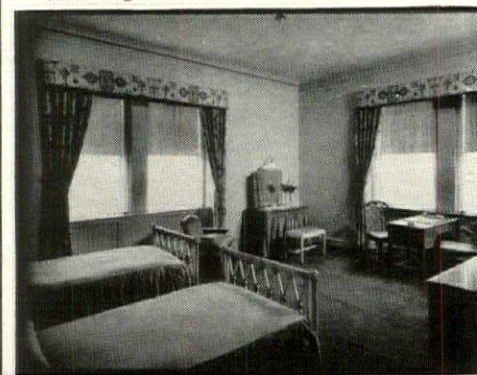
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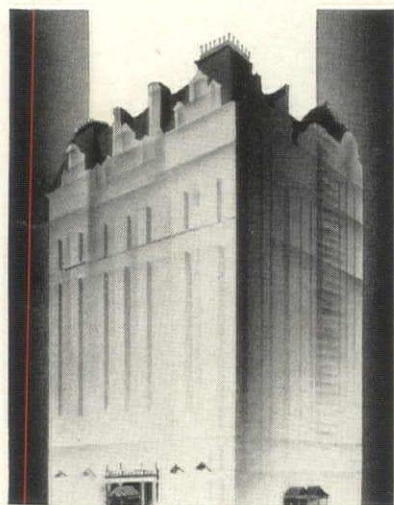
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Contents for October, 1933

HOUSE & GARDEN

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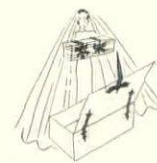
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RICHARDSON WRIGHT, EDITOR • ROBERT STELL LEMMON, MANAGING EDITOR
MARGARET McELROY, ASSOCIATE EDITOR • JULIUS GREGORY, CONSULTANT

WHAT'S WHAT IN
HOUSE & GARDEN

■ To the bride of yesterday fine linens were supremely important. In her early teens she began assembling them in the inevitable hope chest, whose content of each item was finally to be reckoned in the dozens. Today's bride also knows their importance, but the chances are that hers will be gathered during a single shopping trip. And on that trip she should carry the linens list given on pages 38 and 39. Here, too, she will find smart new designs and a sensible budget



■ So great was the interest displayed in House & Garden's Little House on view at W. & J. Sloane's from last October till June (visited by over 300,000 people) that this firm decided another display house was in order. The Regency house beginning this issue is the result. It is built at actual size of the exact materials that might have been used if it was erected in Westchester or Chestnut Hill. Decorations, furnishings and equipment are complete down to the last footstool



■ On page 56 Julius Gregory begins his research into what starts houses sliding down that theoretical hill. Follow his instructions about systematic maintenance and your house will be perpetually new. In future articles he will point out every feature liable to depreciation



■ It may be something of a shock to you to learn that the aborigines of Zanzibar and the head-hunters of N'yamba are in off moments devoted to their little gardens. Now that you have been warned, turn to page 43 and find out about interesting plants of South Africa from Mrs. Coombs. The sketches by Florence McCurdy in themselves are enough to make you yearn for the plants



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THE PIOUS THORBURN. Nurserymen are not always so pious as Grant Thorburn. When that picturesque first American dealer in seeds and plants came to write his biography, which he published in London in 1834, he called it *Forty Years' Residence in America, or The Doctrine of a Particular Providence*.

Today we would dub his method of getting into the business sheer luck. He just stumbled on it. He was in groceries. There happened to be some flower pots in his stock that weren't selling. One day he painted a few of them red. Ladies who happened in to buy groceries snapped them up. The next day he painted twice as many. They went. Then he put plants in his painted pots—and with that step slid into the plant and seed business. He lived to see it extend to Boston and New York, with customers all up and down the Atlantic seaboard. Providence plus a pot of red paint turned the trick.

PRAYER FOR RENTERS. To the quaint prayers that we are collecting, we add this supplication, composed, it is said, by Edward VI of England and designed for the devotions of those who rent or lease property: "We heartily pray Thee to send Thy Holy Spirit into the hearts of them that possess the grounds, pastures, and dwelling places, of the earth, that they, remembering themselves to be thy tenants, may not stretch out the rents of their houses and lands but so let them out that the inhabitants thereof may be able to pay."

DEFINITION. For a long time we have been searching for a definition of air conditioning. So many claims have been put forth by manufacturers of these systems that the average homeowner is apt to become bewildered. Well, here's the definition: Air conditioning is a simultaneous and automatic control of temperature, humidity, air circulation and air cleansing. The first two, temperature and humidity, vary with the season; the last two, air circulation and air cleansing, are processes that should be constantly in operation.

HERITAGE AND ARCHITECTURE. It seems that when people begin to think about building a home, they also begin thinking about their grandparents. This harking back to one's personal traditions is almost instinctive. One's choice of architecture, in most cases, is influenced by one's heritage. In countries where traditions are relatively new, a great deal is made of heritage and consequently traditional architecture is apt to predominate.

That is the case in this country and that is one of the reasons why we doubt if Americans will ever accept whole-heartedly for their homes the untraditional utility and sterile lines of Modernism. So far as we've encountered them, Modern designers either have no heritage that they care to remember or are so fed up on tradition that they want to forget it completely.

TOO MUCH SHIRT. The common saying we hear today that So-and-So has lost his shirt may hold a profound thought. True, many men and women have lost their shirts and, when they were deprived of that garment, made the sublime discovery that they had hearts under those shirts. Some were stuffed shirts and some were stiff shirts and some of us had too much shirt. Without them, we will probably move with more freedom and, let us hope, with more human feeling.

GARDEN VERSE. Years and years ago we published in *House & Garden* four lines of verse that expressed succinctly the spirit of the garden. And so many times have we been asked for them that we now reprint them. They were written by Phila Parmelee and appeared in the issue of June, 1924—

WARNING

Let not mine enemy,
With whom I have striven,
Come into my garden—
Lest he be forgiven!

AMERICAN ORDER. The decorative capitals of columns are said first to have come about in early Egyptian times when the supporting timbers of temples were decorated with flowers, the three most used being the Palm, the Lotus and the Papyrus. In 450 B. C. Callimachus established the Corinthian order in Greece, using the Acanthus. A bit over a century ago an American order of columns was projected. Benjamin Henry Latrobe, architect of the capital, put a Corn capital on the senate wing. A Tobacco flower capital was used by Jefferson at Monticello. Corn capitals are found at the University of North Carolina. There were also designs for Wheat and Cotton capitals.

ZERO HOUR. Mid-Sunday afternoon, or sometimes it is Sunday midnight, sees the quaint approach, in many a summer resort, of what wives have come to call the zero hour. It is then their husbands, the week-end finished, go back to town. There has been a family dinner. A long list has been made of the things he is to bring up next Saturday. Children are given their last scolding. His bag is packed. He makes a last tour of the garden or takes a final drink. Then the family piles into the car and off to the station they go.

The amount of hectic osculation that takes place on station platforms as the train approaches might lead an observer to think that these wives and children would never see their husbands and fathers again. Not so. These frantic kissings are merely a gesture. He will return. They will be there on the platform to meet him next Saturday. Meanwhile as he settles back in his train seat and she packs the children back into the car, each indulges in a deep sigh of relief.

QUARANTINES. We understand that the Government is adopting a saner attitude in the application of the Plant Quarantine Act. To gardeners this will be joyful news. For a time that act went to the heads of several gentlemen in Washington and our gardens suffered thereby.

Due to the educational programs of garden clubs, the average gardener now knows a plant pest or disease when she sees one, and if she has any doubt about it, she calls in help. She is as acutely aware of this danger as she is aware of consequences when her children develop sore throats. One of those dangers, which has appeared in this country despite the vigilance of the Plant Quarantine Act, is the Dutch Elm disease. If your Elm turns yellow and appears to be drying up, send a six-inch piece of a twig to the nearest state agricultural experiment station for diagnosis. Trees with this disease must be cut down and burned.

SNOBBERY

She likes to come and boast, because
Her little cat has velvet paws;
While I must hold my tongue and blush;
My kitten's paws are only plush.

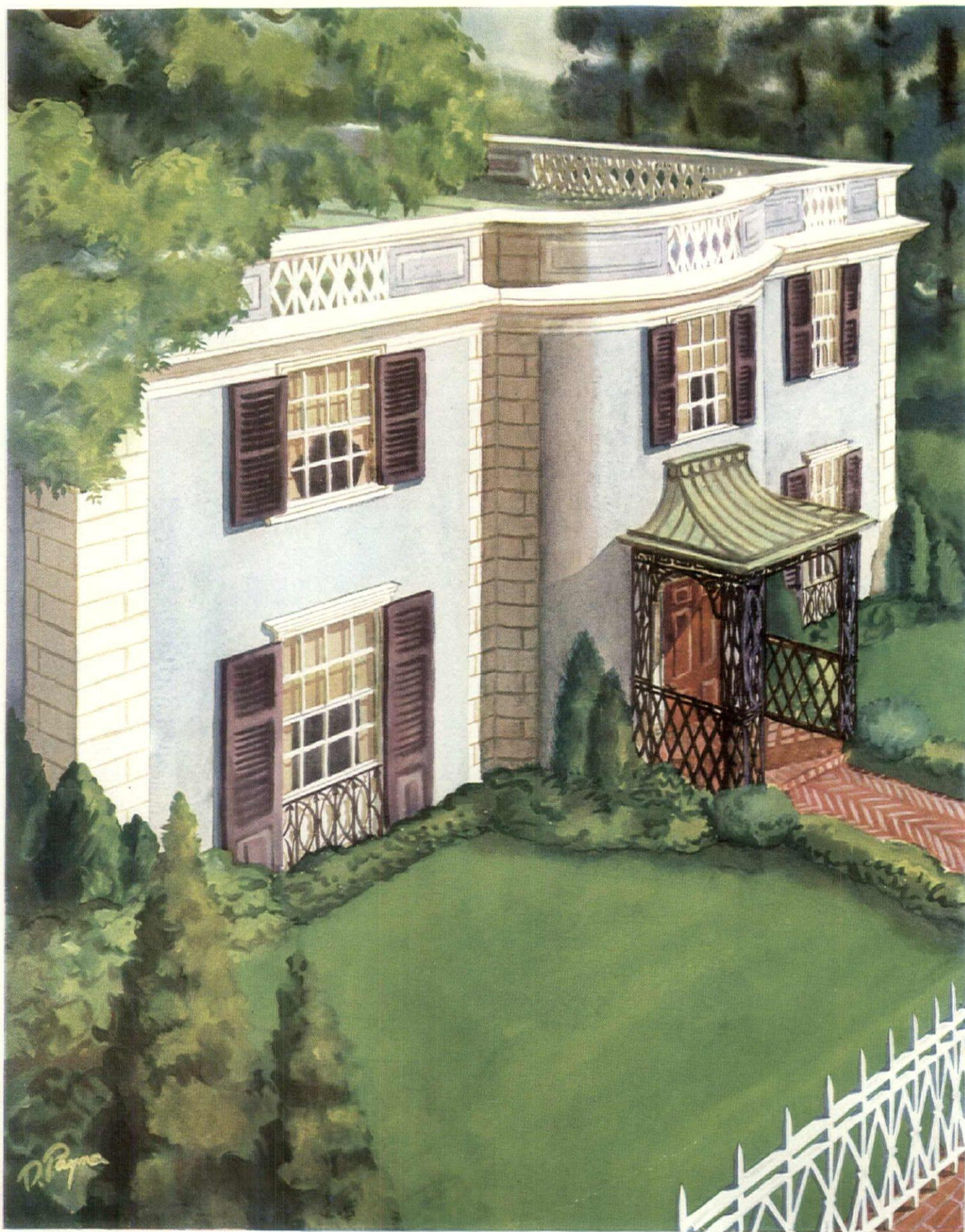
—Arthur Guiterman

AUTHOR! AUTHOR! Chapman and Beder, architects of the house that opens this issue, have their offices in New York. Sarah V. Coombs introduces South African flowers in the first of two articles on the subject. She is high in the councils of the Federated Garden Club of New York. Harries & Reeves, who designed the Flickinger garden, are located in Buffalo. William T. Bonisteel, who writes on Aconites, is Professor of Botany at Fordham University.

SLUM CLEARANCE. It is indicative of the interest in the subject that at a recent conference on slum clearance held in Cleveland over 400 were in attendance. These included city planners, architects, social workers and community representatives from all sections of the country. Their attendance and interest prove to what an extent forward-thinking citizens fear the menace of slums and are willing to come to grips with this evil. The human destruction of men in warfare is negligible compared with the constant attrition of human beings who live in slums.

COUNT RUMFORD. Whenever in Munich you admire the way the Münchners decorate their houses and lampstands with flower boxes, think kindly and proudly of Count Rumford. This distinguished individual began life as James Thompson. Born in Salem, Mass., as a lad he worked in a shop there. During the Revolution, he joined the King's forces and as a Loyalist finally made his way to England where he rose through the ranks to the Colonelcy of a British regiment. The war over, he attracted the attention of the Elector of Bavaria, who invited him to Munich to introduce reforms into his army.

Though he was a successful soldier and driller of troops, he also proved a far-sighted reformer of social evils. He did much for the poor in Munich. He cleaned the streets of beggars. He used soldiers for public works and kept them happy by having a band play while they labored. He ordered all his soldiers to cultivate vegetable gardens and when they went on furlough or were retired, he furnished them with flower seeds and encouraged them to plant gardens. He also encouraged farmers to plant flowers around their homes. To show how they should be grown, he laid out a park in Munich. And, to crown his endeavors, he introduced the Potato into Bavaria.



An exhibition house to live in

TO DEMONSTRATE the persistently livable qualities of good taste, the Regency house shown above and described on the following pages will be opened in October at the Fifth Avenue store of W. & J. Sloane, New York. Henry Otis Chapman, Jr. & Harold W. Beder, architects. Complete decorations are by the staff of Sloane's

A Fifth Avenue country house displays Regency taste

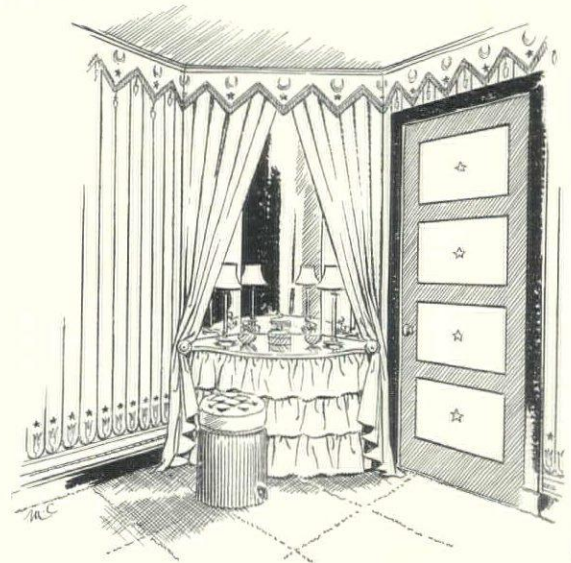
FIFTH AVENUE is about the last place you'd look for a full-size country house. Apartments, yes, and business buildings and shops galore and here and there an isolated town house standing as a gloomily majestic reminder of the day when Fifth Avenue was America's fashionable residence street. But a full-fledged life-size country house, designed and furnished in the Regency style now so fashionable, is another matter.

The story of it goes back a year.

In November a year ago *House & Garden* featured a one-floor shingle country house with an amazing central living room. This was constructed full size on the first floor of W. & J. Sloane at Fifth Avenue and 47th Street. Instead of the drab commonplace furnishings found in most model houses of this sort, the decorations and equipment were brilliantly chosen and presented. The rooms were the sort that people of good taste would choose to live in. The house demonstrated the fact that one doesn't have to build a large place in order to live well. It was a case of good goods coming in little packages. Over 300,000 people came to see that house and in six different sections of the country it has been erected for permanent living.

Encouraged by this success, W. & J. Sloane are now presenting a two-story Regency house built full scale, and completely furnished and equipped and landscaped, which *House & Garden* is featuring herewith. It will be on display in their Fifth Avenue store from October 1st on, and the rooms will be reproduced in their Washington shop.

But why was the Regency style chosen? Because it is a traditional type of architecture that lends itself to modern



CORNER OF THE POWDER ROOM

adjustments; because it is one of the two architectural styles—the other being its first cousin, Greek Revival,—that are destined to enjoy wide popularity. So this is really a House of Years, drawing from the beauty of the past and projecting it into the years to come. It is a house that a new bride can long for and a bride of several anniversaries adopt.

This dignified and stimulating presentation is the combined work of Henry Otis Chapman, Jr., and Harold W. Beder, architects; Ross Stewart, decorator; and Armand Tibbetts, landscape architect. The various firms which have contributed to the fabric and equipment will be listed at the end of this article.

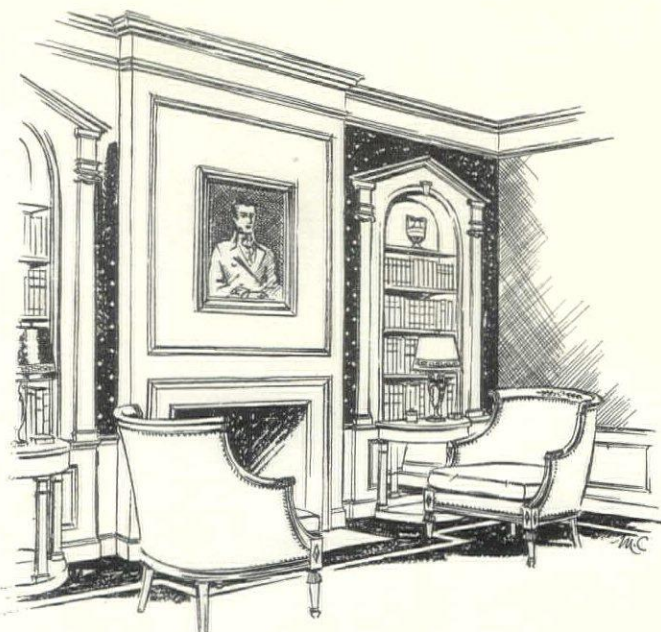
The house as presented, due to the confinements of space in the shop lacks the servants' wing and the balancing porch. These are indicated on the plans shown on page 68.

Several building mediums can be applied to this design. The house may be of wood, with flush boarding or shiplap and wooden quoins. Or it may be of face brick or common brick whitewashed. If built of wood, the architects suggest that the body of the house be painted pale gray and the trim, quoins and cornice white, with the shutters and ironwork dark eggplant. Or if of brick, the shutters and trim would be white and the ironwork black. Chimneys would carry on the body color of the house and be topped with black. A brilliant spot of color would be the front door. On the gray wooden house it will be lacquer red and on the white brick a vivid blue. Further color is found in the copper roof of the entrance portico which will be verd.

The complete house has the usual classic balance: on one side is a porch with fluted columns, on the other a service wing with engaged columns.

In addition to the balance and mass of the house, several other features proclaim its ancestry. The flare of the entrance porch roof is typical of the period. Its supporting ironwork and the grilles at the bottom of the French windows are all in the traditional taste. So is the open wooden parapet above. Behind this one has either a flat copper roof or a peaked roof of slate. But the most outstanding feature on the front façade is the bowed middle motif. It makes a gentle arc that relieves the flatness of the two adjacent sections.

From this glimpse of the front we look inside—cross the paved entrance portico, push back the lacquer-red door, and we are in an oval hallway, with stairs swung up the wall. A door to the right gives easy exit to the kitchen. Behind other doors are a coat closet and powder room. Directly ahead the



IN THE BLUE LIBRARY

Old traditions are modernized in these rooms now on display

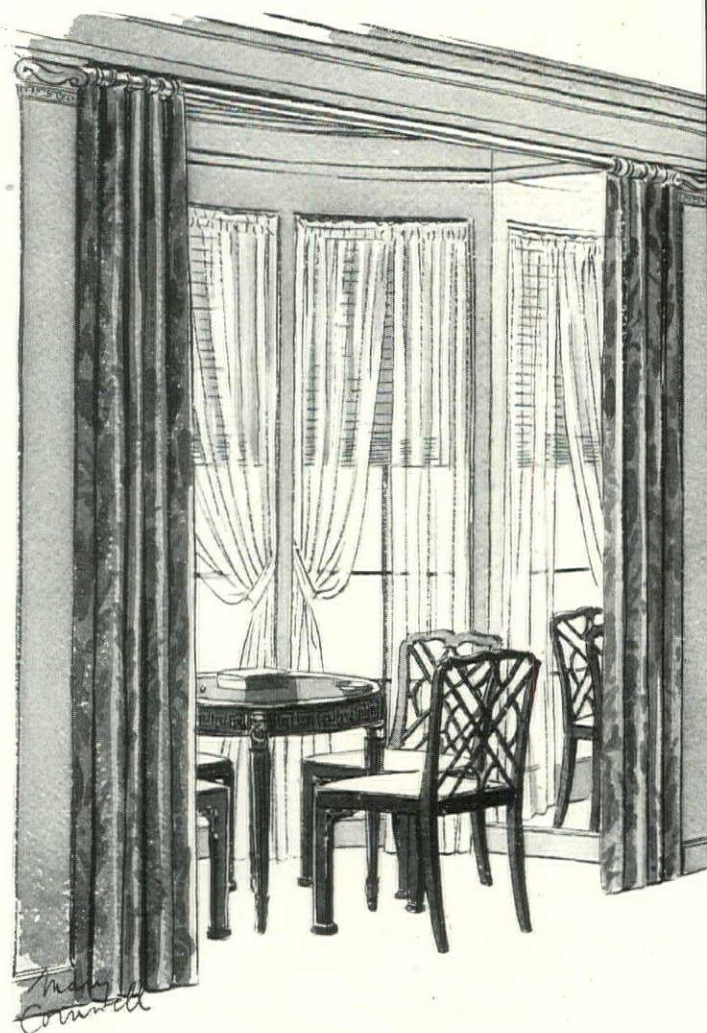
vista extends through the living room and its French windows to the paved terrace and garden in the rear.

Due to a middle wall running from cellar to attic, the construction is quite simple. On one side the hallway, and isolated from the living room is a library; on the other the kitchen. Behind this middle wall lie the living room and dining room. From both the living room and library French doors open onto a side porch. Beyond the dining room is a pantry, a servants' hall and two maids' rooms and a bath.

Upstairs are three bedrooms and a boudoir that can be used for an emergency bedchamber, and two baths. Each has two exposures that assure good light and ventilation and each has its complement of closets.

Although the cellar has not been fully developed, it could be easily reached from the front hall by introducing a lower stairs below the flight to the second floor. These could lead to a game room. A two-car garage is projected as a separate building to be included in the eventual grounds development.

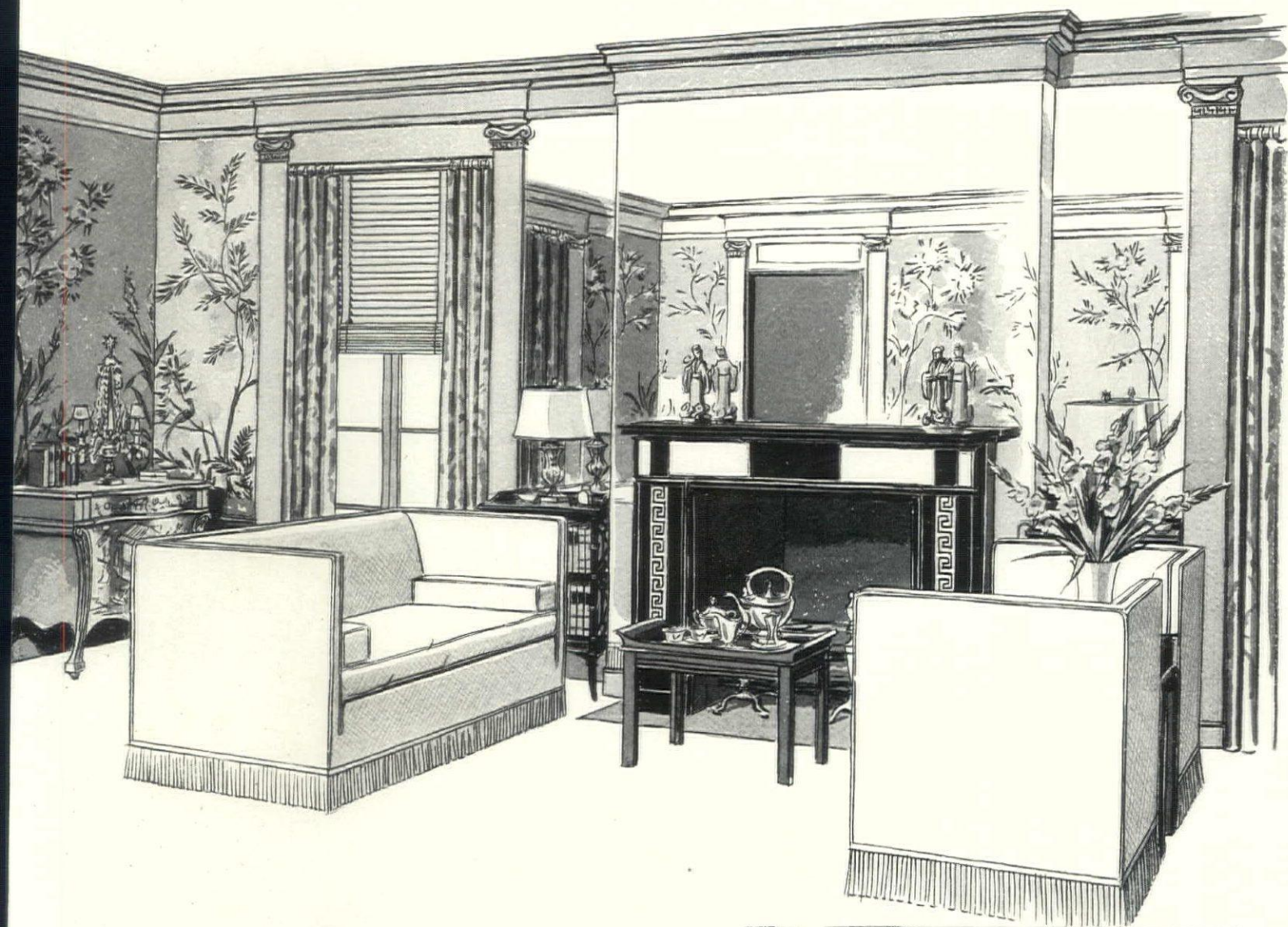
So much for layout of rooms. Now their decoration—



THE LIVING ROOM AND ITS GAME WINDOW



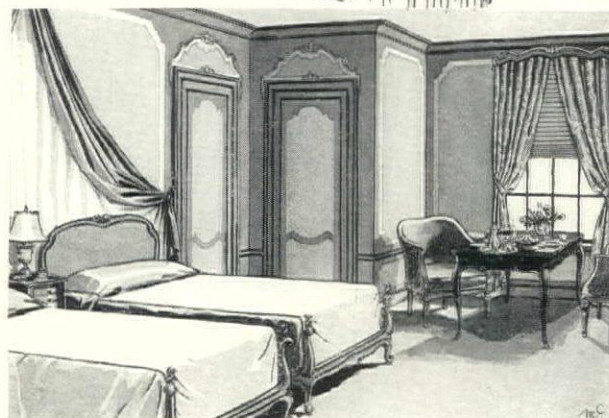
A MODERN REGENCY DINING ROOM



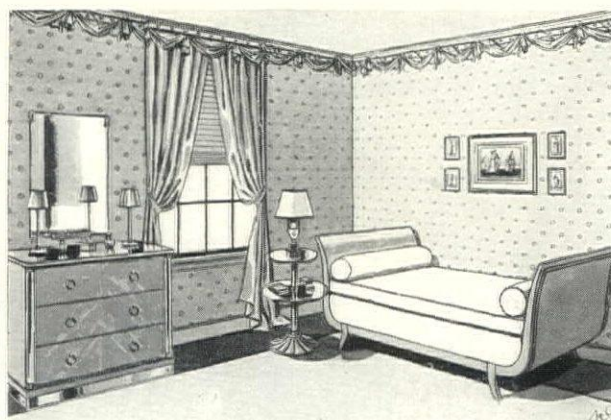
Start again at the front entrance and push back that lacquer red door. The hall is revealed with white walls and a black linoleum floor. Spaced at intervals on this floor are white diamonds. The trim, too, is white, except where occasional architectural details are picked out in black. The stair rail is black wrought iron and brass and on the stairs is laid a rich red chenille carpet. Two black and gold Italian Directoire armchairs with bright yellow leather pads are the only pieces of furniture here. The doors of the coat closet and powder room are decorated with trophy panels in gray and white grisaille.

Behind one of these doors, the powder room has walls painted white with red vertical stripes and bordered top and bottom with red. The trim also is bright red, whereas the door stiles are light gray and the panels white with a gold star in the center of each. The dressing table is set in an alcove, with a flesh-tinted mirror on three sides. The table itself is draped in white taffeta with red trimming and the stool tufted red satin with deep white fringe. On the floor the rug is sheared white sheepskin.

Another door from this hallway leads to the library. Immediately the Early 19th Century is evident, with its Empire and Biedermeier taste. Light maple is selected for the woodwork. The wall paper has a pattern of gold diamonds on a deep blue ground. This blue is reflected in the carpet, which has inlaid designs in blue, yellow and rust. The curtains, made in the Empire style, are white, with a fringed valance of yellow, blue and gold. The desk is mahogany and gold Biedermeier and its accompanying chair is mahogany in antique beige leather. Each side the fireplace stands an Empire barrel bergère in bright gold leather. Under each (Continued on page 68)



THE MASTER'S BEDROOM



A GIRL'S ROOM

Dress fabrics step from the clothes press into the living room

AS A BRIGHT thought for fall furnishing, House & Garden suggests smart dress materials for decoration. Entirely practical for curtains and chairs, these fabrics strike a fresh note in texture and design. (A) What would be more effective for covering a man's chair than the tweed below, an American Woolen fabric from McCutcheon? (B) Chanel cashmere for curtains; Altman

SHEER dress woolens bound with contrasting color make soft, effective curtains that will drape and hang beautifully. (C) This thin Forstmann woolen is recommended for curtains or bedspreads. It is obtainable in all the new Fall colors: Lord & Taylor. (D) Use this Chanel organdy with textured surface of tiny raised dots for crisp glass curtains: James McCutcheon



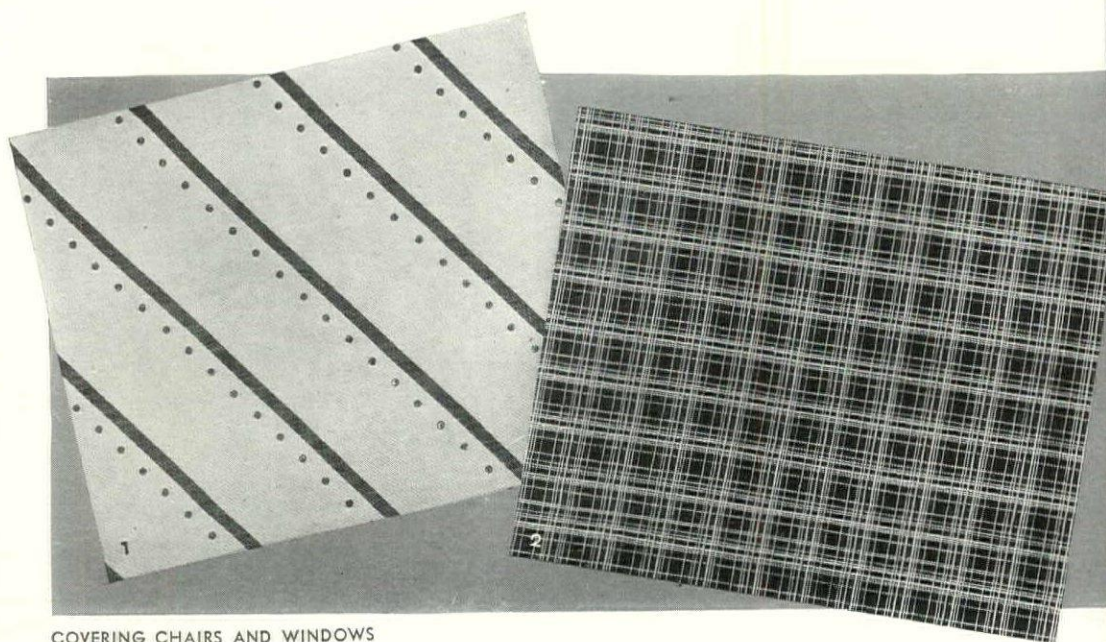


MANY chairs this season will be dressed in ribbed velvet. (E) Chanel spot-proof velvet coating, smart and practical for upholstery; James McCutcheon. (F) Fall fashions in curtains turn to sheer woolens such as this Forstmann dress fabric shown in a new chartreuse shade; Lord & Taylor. (G) Skinner's durable slipper satin for curtains or chairs; Macy's

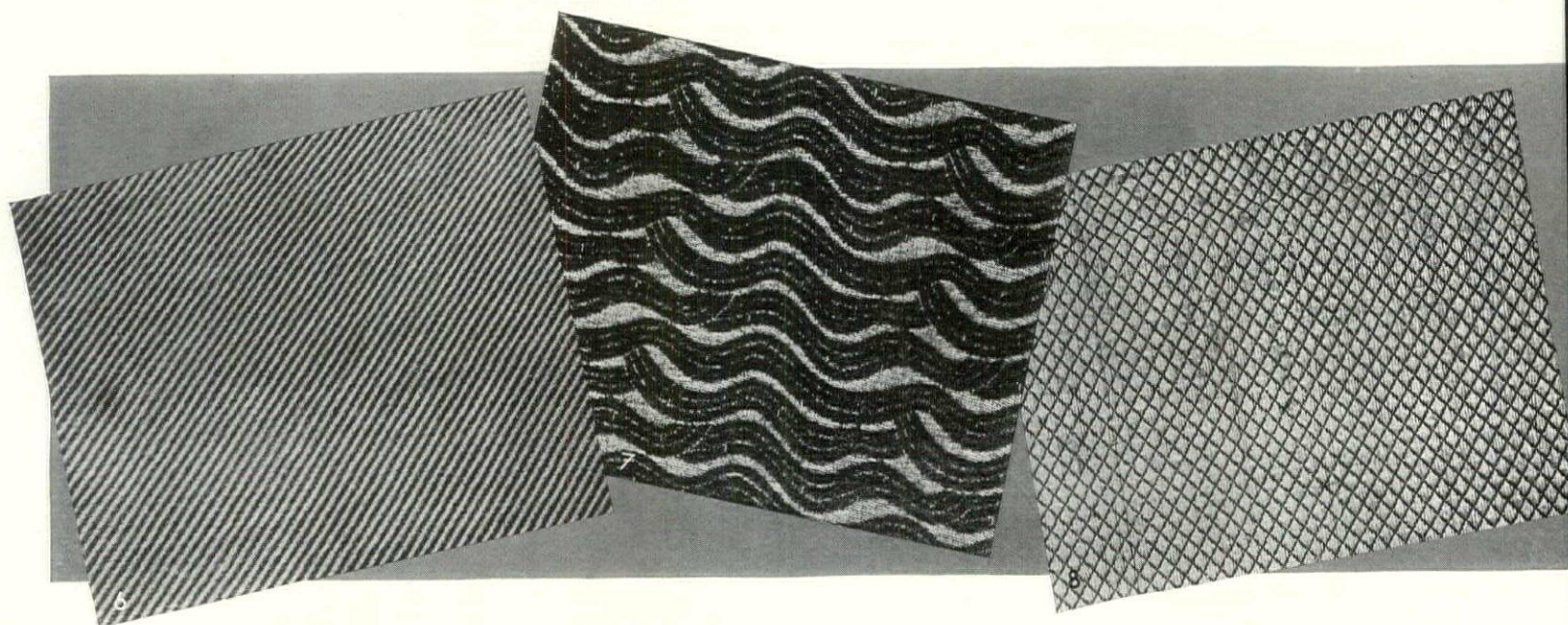
BRIGHT dark blue accented with white is among the first color effects of Fall. (H) Celanese dress satin perfect for curtains in a blue and white scheme; Altman. (I) An entirely new material for slip covers, a Maginnis & Thomas heavy taffeta with wool ribs; Lord & Taylor. (J) Chanel cashmere with flat pleats in brown, red or green. From B. Altman & Co.

Bold design and rough texture swagger among the

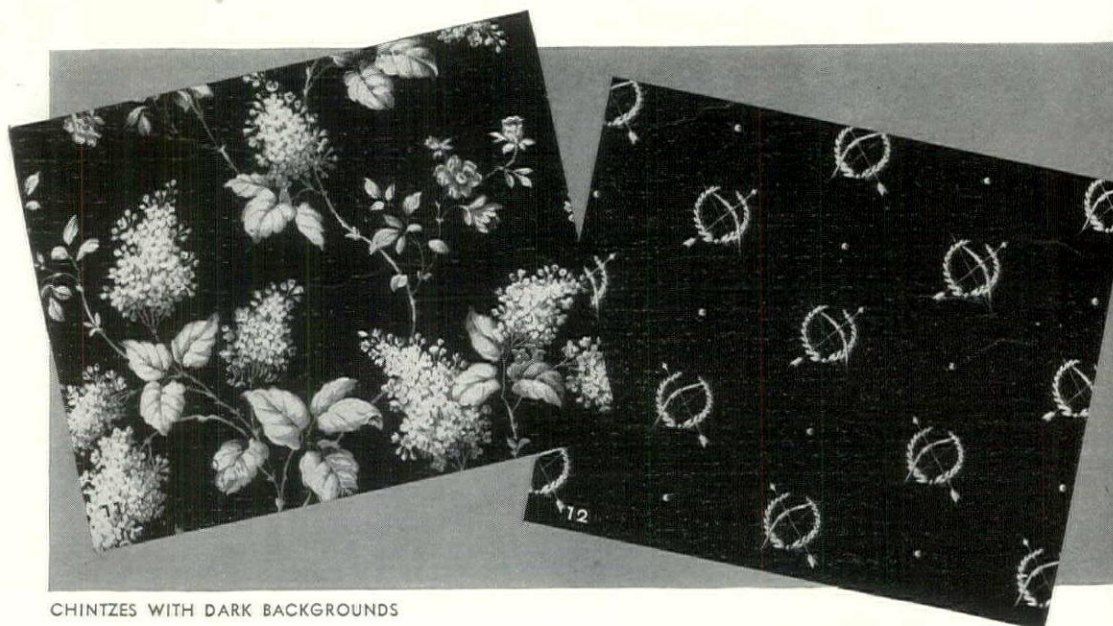
RIGHT. 1. Brown diagonal stripes and dots on an eggshell-colored damask by Schumacher. This is a reversible fabric. 2. Embroidered plaid design in beige and white on heavy, cocoa-colored cotton from Howard & Schaffer. Both: Altman. 3. A heavy quality cotton in a new rough texture. Broad, speckled stripes in brown, coral and green on a natural-colored ground. Guaranteed tub- and sun-fast Orinoka fabric. 4. Dark, sailor-blue accordion drill with raised diagonal stripes of white braid, by Schumacher. These two: Lord & Taylor. 5. A Scandinavian study in checks and stripes on heavy cotton. In coral, brown, green, blue or eggshell on white. A Carrillo fabric: Altman



COVERING CHAIRS AND WINDOWS

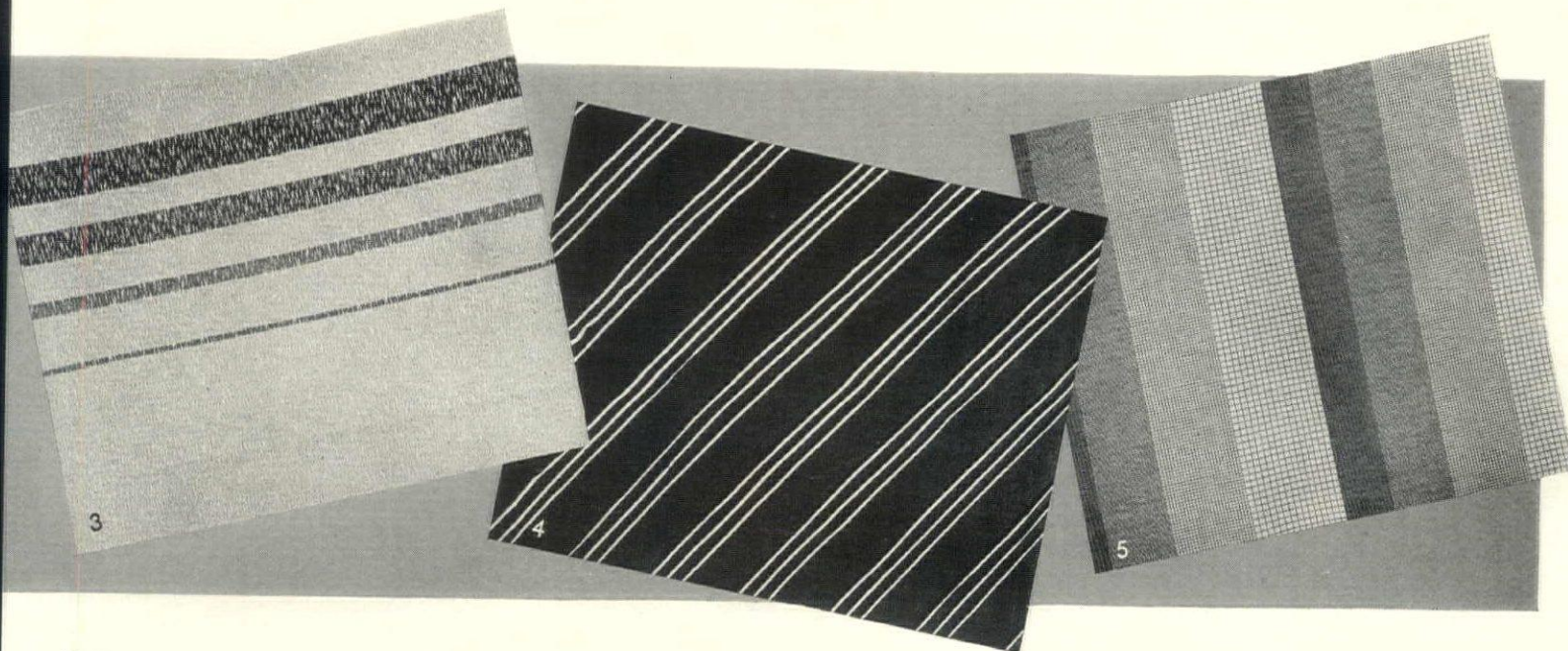


RIGHT. 11. A Desley chintz points to a new preference for light designs on dark grounds. In bright, dark blue, with lilacs in eggshell white and light beige. W. & J. Sloane. 12. Emphasizing the same idea—a dark blue Waverly fabric with Directoire design in yellow, brown and white. Macy's. 13. The prize-winner among 300 entrants in a design competition conducted by Johnson & Faulkner. White dots and yellow, coral and bright green flowers on blue chintz. Sloane. 14. Swag drapery in red, white and blue on white chintz by Marshall Field: Taylor & Low. 15. Orchids in reddish plum and mauve, green leaves on soft green chintz by Stroheim & Romann: Lord & Taylor

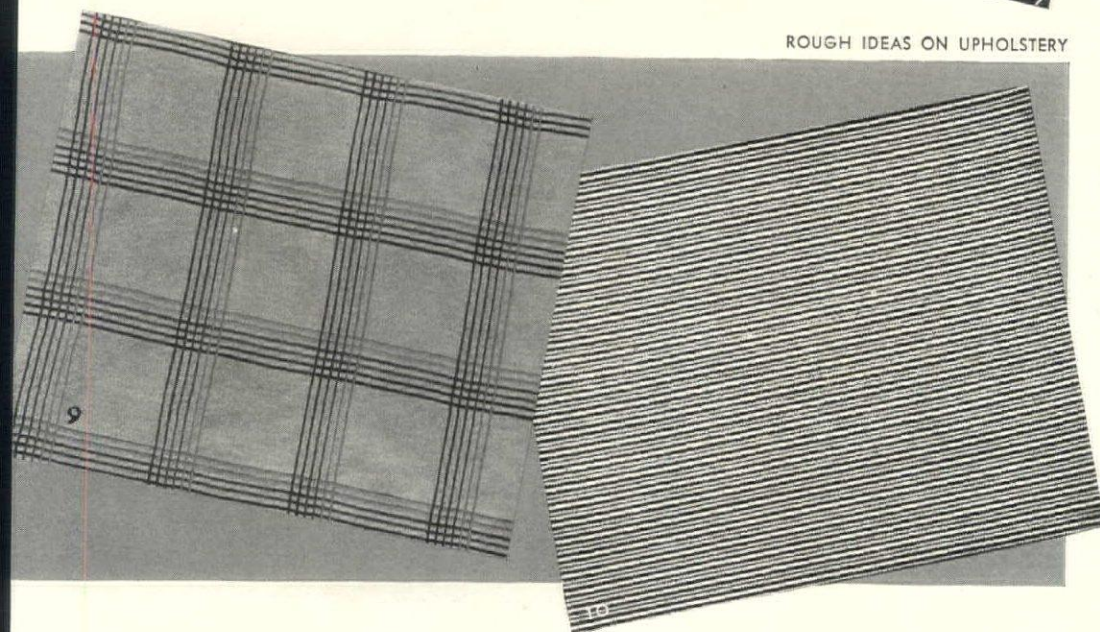


CHINTZES WITH DARK BACKGROUNDS

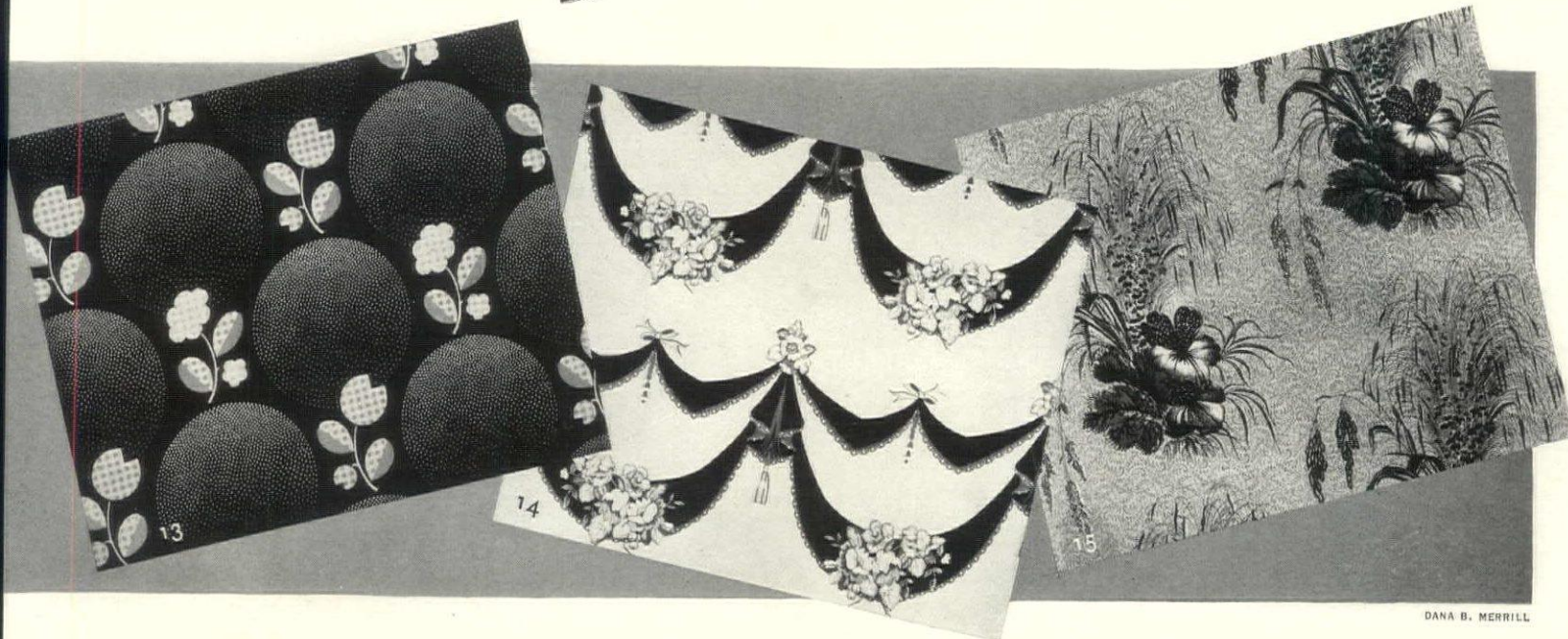
new fabrics—dark plots for Fall chintzes



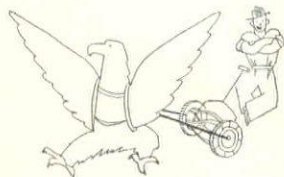
ROUGH IDEAS ON UPHOLSTERY



LEFT. 6. A deep pile, velvety fabric diagonally woven to give a striped effect. In delicate rose-beige or rich white. By Shelton Looms: Sloane. 7. The ocean waves go modern on a contemporary upholstery fabric. Design in Africa brown and white. A cotton and chenille weave by Thorp. 8. Raised squares on an antique satin make an interesting lattice pattern. Eggshell-colored. Thorp fabric; both Lord and Taylor. 9. Large checks on a smart, new linen. Wool embroidery in three shades of green on a natural-colored ground. By Thorp. W. & J. Sloane. 10. Fine, raised stripes of eggshell chenille line up on a tête de nègre cotton from Schumacher. To be had from Macy's



Saturday morning



THE New Deal, under which we are living and working, has given to many men and women a fresh leisure. Hitherto those who lacked employment were embarrassed by the leisure on their hands. It hung heavily. To many it became a hideous void. All play and no work is about as evil a state of existence as any one could devise. Some work and some play is the sane balance of living. The new adjustments under the code provide for many workers a full Saturday. What, we wonder, are people going to do with it?

Most of us are accustomed to a free Saturday afternoon for play. A free Saturday morning is quite a different matter. In the morning we want to be doing something that seems worth-while. Here is a grand chance!

It would be silly to expect that codes and new deals will change human nature. Those who are congenitally lazy will go on being lazy and those who have interests and resourcefulness will go on being active and alert. To the latter group these words are directed.

THE old saying runs that if you want something done, ask a busy man to do it. If these free Saturday mornings are to contribute to happiness, we must look for leadership in the movement to those men and women who have been alert in other fields. And the most important field for their activity is the home.

The first rule of leisure is to use it so that you don't interfere with the other fellow's leisure or work. And the second rule is to occupy yourself with such interests that it makes no difference whether or not financial benefits accrue from them. We work that we may live with a reasonable minimum of worry; we should play to live even better. Whatever hobby is chosen, the genuine leisurist will not depend on it to make money. He should count on it, however, to pay him the reward of accomplishment and satisfaction.

There's not a man or woman living but has said, "How I'd like to take up so-and-so if only I had the time!" Well here's the time. What hobby will you pursue around home?

For spring and summer months, gardening is the first and obvious hobby. During the past few years it has captured the interest of hundreds of thousands of people who never before touched the soil. They have grown vegetables and flowers, they have set out trees and shrubs, they have added health, made their houses more attractive, contributed to the table. But, even more important, they have found a new and refreshing kind of satisfaction. At the end of the year the gardener can look back on a long line of accomplishments. Some of the satisfaction he derives from them is the realization that dollars and cents weren't the be-all and end-all of his labors.

To the man or woman with a bent for mechanics, tinkering around the house has a fascinating appeal. That lamp to fix, that loose shingle to replace, that bit of painting, these

and a thousand other odd jobs of house maintenance can be done. One really should keep a Saturday Morning Book and, through the week, jot down in it all the little repair jobs one sees or is asked to do.

Saturday morning is an ideal time for riding a hobby. The number of them is legion. Some require expensive equipment and some none at all. To many men carpentry and all manner of working with wood brings immense satisfaction. They may be content with simple joinery or rise to the ambitious heights of wood carving. Their skill may find satisfaction in a picture frame or a piecrust table. Whatever evolves, it will be the work of their own hands.

Equally satisfactory is pottery and clay modeling. Or working in wrought iron. Or photography. Or sketching. Or even spoiling good white paper with words, that may or may not ever be printed.

Collecting, too, opens up a wide field for Saturday mornings, because it has so many collateral sides. The mere art of acquiring that new cottage figure, that new paper weight, that new bit of Sandwich glass is only the smallest part of collecting. One has to read up on cottage figures and paper weights and glass—their history, the distinctive marks of their makers, the records of other collectors of them, the prices they fetched at sales. The amount of quiet learning and book-keeping one can pursue with any collection takes quite a lot of time and can prove absorbing.

When the ban of Prohibition has been lifted many Americans will go in for collecting wines. Here's a hobby that, ridden well, requires a knowledge of history, geography, soils and climates, vintages, wine-making, wine-care and the place of wines in fine eating. The prince of all wine-hobbyists was the late Prof. George Saintsbury. His *Cellar Book* is a vintner's dream of delights.

Of late there have been revivals in two widely separated collecting fields—postage stamps and tropical fish. The latter has an advantage over the former because you can breed fish but you are apt to get into trouble if you reproduce stamps. Of course, one can't confine breeding to Saturday mornings, but both fish and stamps, as any collector of either will readily attest, consume time pleasantly and bring their own rewards.

PART of the satisfaction derived from gardening or tinkering or carpentry or collecting is the fact that one does it at home. These are essentially the hobbies of people who would rather be home than anywhere else in the world. And in the end the home is made richer by them, and one is happier for being there. If, in this manner, Saturday morning under the New Deal contributes to the stability of the American home, then the nation will be better for it, we will be assured of peaceful and orderly communities and citizens who know and enjoy contentment.

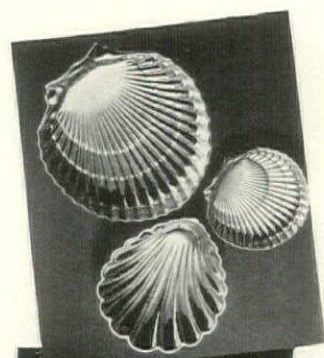
—RICHARDSON WRIGHT.



ANTON BRUEHL

A portfolio of silver gifts for the bride

A NEW silver pattern is always an event, but when that pattern is as distinguished as this Gadroon design by the International Silver Company, there is still greater cause for rejoicing. Beautifully simple in its traditional lines, it has grace, dignity and style. This tea group with its charming Georgian furniture and setting was arranged by Pierre Dutel. Watercress sandwiches, madeleines, and thin cakes in the shape of leaves from Henri



MARTIN BRUEHL

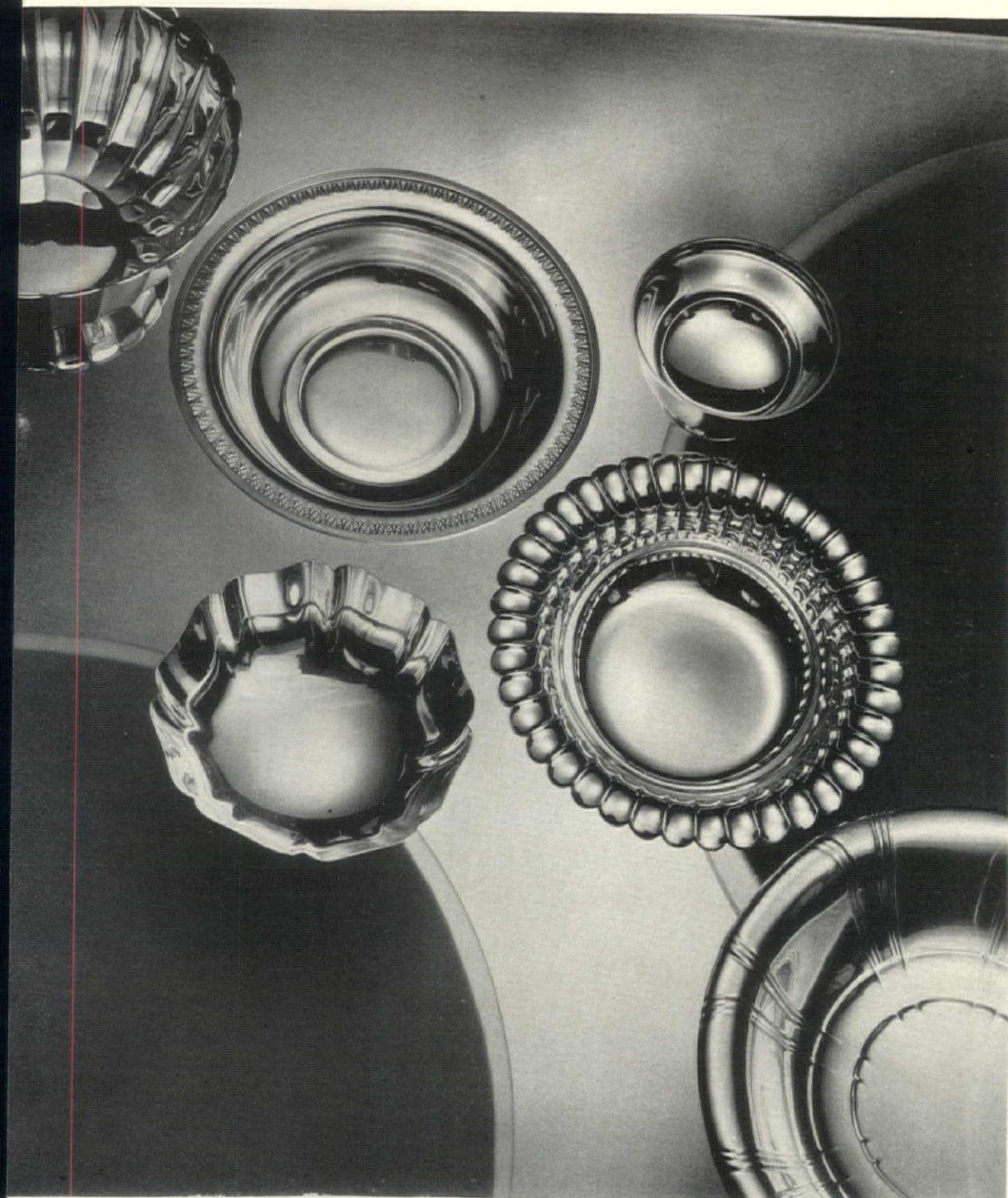


ANTON BRUEHL

New designs and traditional patterns

SHELL dishes for bon-bons, nuts or stuffed celery are copies of an old English pattern, Gorham Co. Equally traditional are the column candlesticks, after an English pattern. Gorham Co. The coffee service and tray in a simple design suitable for an Early American setting is also Gorham silver from Black Starr & Frost-Gorham, Inc. The sandwich plate in the Hunt Club pattern (from Gorham) is quite modern in feeling. The candelabrum in the Georgian style is to be found at Black Starr & Frost-Gorham, Inc.

FROM the confusing multitude of patterns House & Garden selects for the bride four new and four older styles of flatware, the first four being new. Commencing at the top of the arc—Rose Marie of Gorham; Gadroon of International Silver; Cascade of the Towle Co.; the Parallel by Georg Jensen; American Directoire, Rogers, Lunt & Bowlen; Fiddle Thread, Frank W. Smith Co.; Lamarie, Watson Company; and Normandie, R. Wallace & Sons. Of any of these the autumn bride can well be proud

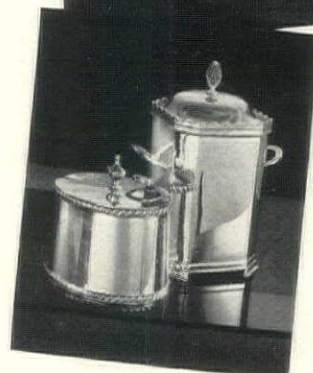
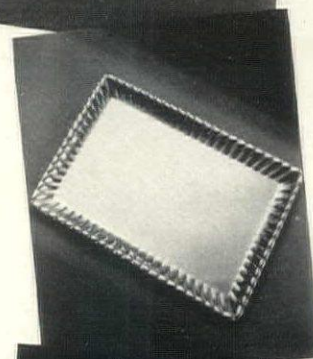


ANTON BRUEHL

To become the heirlooms of tomorrow

PULL out of the sky (and your purse) a silver moon for the bride. At the top, a Georgian pattern with fluted foot and sides, from Black Starr & Frost-Gorham. Below it, an American Directoire design from Rogers, Lunt & Bowlen. To one side, a little mayonnaise dish copied from Paul Revere pattern by Gorham, and from the same source the scalloped melon-shaped bowl. Another heavily bordered design is from Black Starr & Frost-Gorham. Lower right, a Contempora pattern of Reed & Barton

THE Craftsman tea set at top comes in three or five pieces with coffee pot and slop bowl. From Towle Co. From Reed & Barton comes the silver water pitcher in the St. George pattern. The little bon-bon and nut dishes in old-fashioned leaf design go well with a Victorian table. From Reed & Barton, who also produce the oblong tray with fluted edge. It is large enough to hold eight glasses. Finally, two tea caddies that are copies of old English patterns, from Black Starr & Frost-Gorham, Inc.



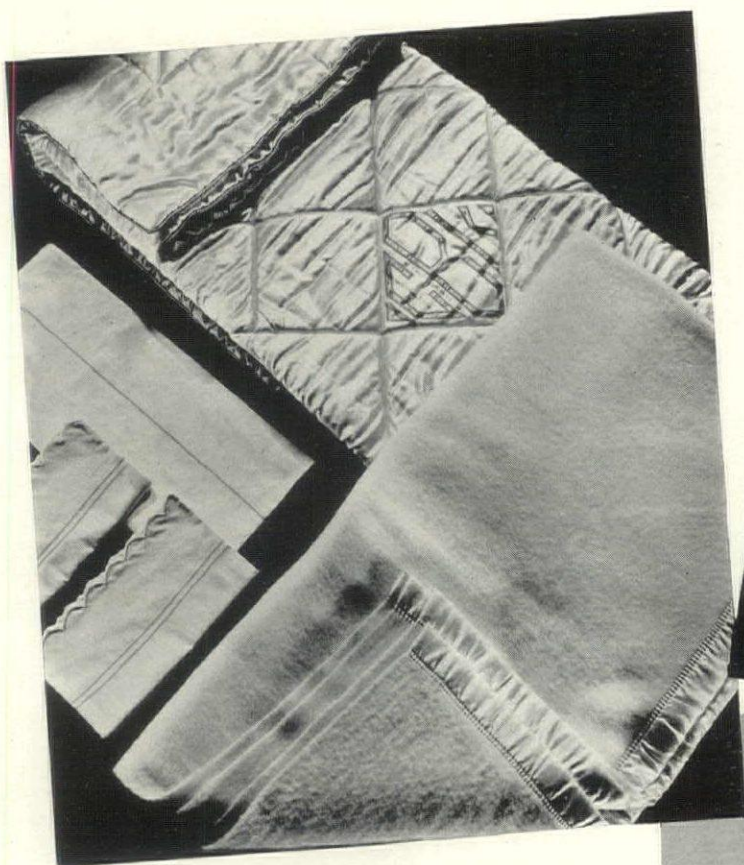
MARTIN BRUEHL

*When a girl marries
— her linens begin*

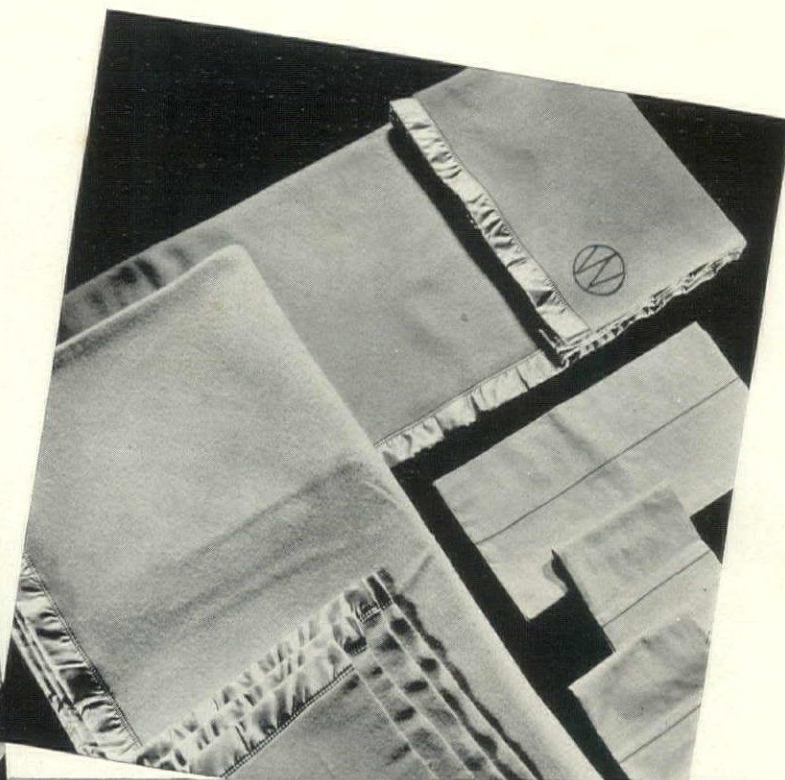
2 dinner cloths	-----	\$25
2 dozen napkins	---	25
1 large lace cloth	--	25
1 oblong luncheon set	--	10
1 tea set	-----	8.75
1 dozen tea napkins	---	5
2 tray cloths	-----	3
2 colored luncheon sets	--	26.50
1 dozen cocktail napkins	--	9
12 percale sheets	-----	36
12 pillow cases	-----	10.20
3 dozen linen towels	--	16.50
1 dozen guest towels	---	5
1 dozen bath towels	---	9.50
1 dozen large bath towels	--	26.50
1 dozen face cloths	---	2
2 bath mats	-----	4.50
		<u>247.45</u>

The budget outlined above was planned by McDibbore, Inc. Linens shown in the closet are from the same firm.

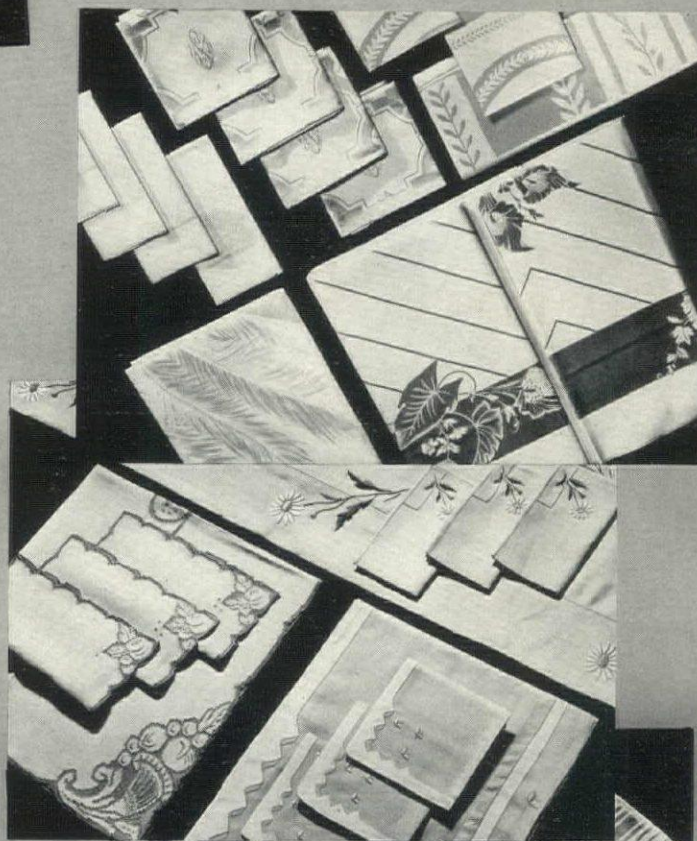




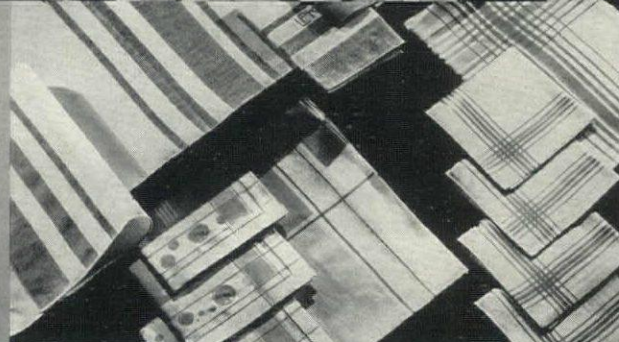
MARTIN BRUEHL



ABOVE: Bed linen for the bride. White satin couvrepieds quilted and decorated with a monogram in blue: Carlin Comforts. White wool Kenwood blanket with a satin binding: James McCutcheon. White sheets and pillowcases with two rows of hemstitching and embroidered edges. By Pepperell; from Macy's. Upper right photograph: Bed linen for groom. Beige wool blankets, satin binding in self color. Both by North Star. Beige hemstitched Wamsutta sheets and pillowcases: All from B. Altman



PANEL at right. Upper photograph (dinner): Left—white damask: Grande Maison de Blanc. Center—écru damask monogram: Mosse. Upper right—white damask: McGibbon. Center photograph (tea and luncheon): Left—linen and filet tea set: McGibbon. Upper right—white linen luncheon cloth, daisies on yellow panel. Lower right—green tea set, white and gray border: Mosse. Lower photograph (breakfast): Rose and white, wide stripes: Mosse. Bubble design and blue and white stripes: McGibbon



THE closet on the page opposite is painted gray with moldings outlined in white. Each shelf is edged with red, white and gray plaid paper from Barrie & Desmond. Matching plaid ribbon—one end tacked to the outer edge of the shelf and the other end weighted—is thrown over each pile of linen to eliminate tying. The cupboard at the bottom holds blankets. Shelving plan in closet by Aguilar, Inc. In the insert opposite. Red and white towels, face cloths and bath mats with red, white and gray monograms: Mosse



AT THE flower show of the Garden Club of Easthampton, L. I., held recently, the peak of interest seemed to center in the still-life arrangements of flowers and fruit in shadow boxes. The first prize was awarded to Mrs. Shepard Krech and Mrs. Ellery James for this group of five Japanese Iris flowers in a modern mirrored container

Still-life flower studies at Easthampton tended to go Oriental in this year's show



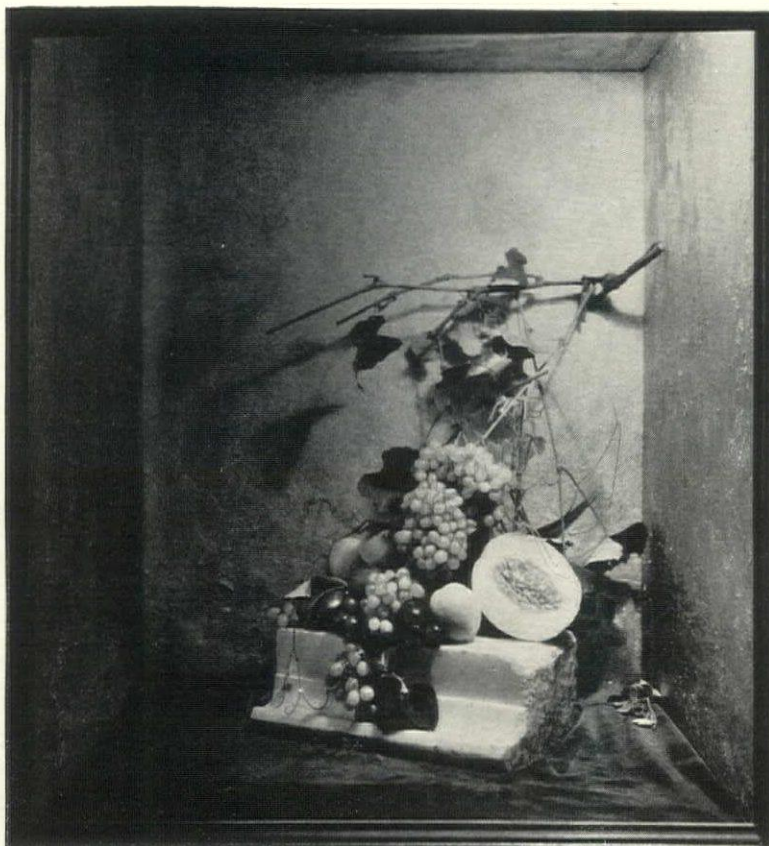
SAMUEL H. GOTTSCHO

NOWADAYS it is almost inconceivable to hold a flower show without a Chinese moongate. Easthampton offered no exception to the rule. The wall of the moongate was banked with vines, evergreens and Hemerocallis and the garden beyond held an embowered Buddha shrine

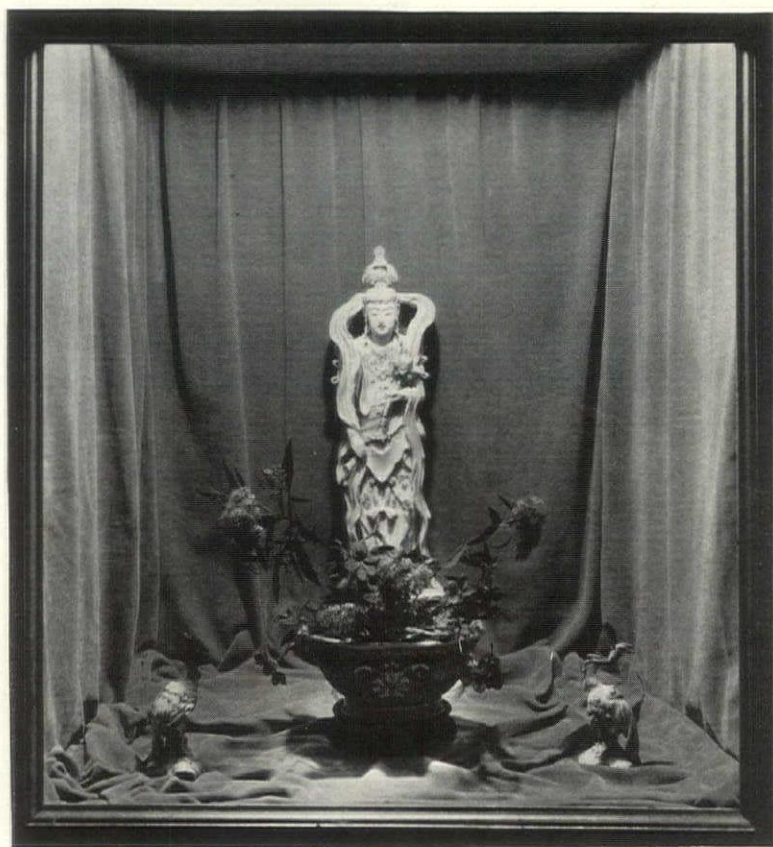
CONTINUING the Oriental urge (and it is noticeable how many makers of these still-life studies are persistently Oriental) was the group by Mrs. Rodney Burnett. A Chinese vase on a stand held sprays of colorful Maple leaves, with small images of native priests grouped about its base

MRS. E. H. JEWETT and Mrs. Samuel Seabury were awarded second prize for the group to the right. Against a dull gold background was set a fragment of amber marble. A Melon, Apricots, green Grapes, purple and red Plums, Cherries, an Egg Plant and Begonia leaves made the composition

MRS. ALBERT HERTER won third prize with the composition below. A gold tissue background was repeated in the gold fruit of the foreground. At the other side stood a ceramic cock in white. The peak of the triangle was a white and gold compote holding a loose arrangement of Petunias



SINCE Hemerocallis are Oriental in origin, it was natural for Mrs. Frederick K. Hollister to give an Oriental background to her group of them. She used soft toned Chinese fabrics for the rear wall and floor, and small decorative accessories that lent color notes to the base of her study



MRS. LORENZO E. WOODHOUSE centered most of her efforts on inanimate material—a fine ceramic statue, a bowl and two small bird figures in the foreground. These were set against draped velvet. She used the soft pink beads of Spirea Anthony Waterer for accents in her flower composition



F. S. LINCOLN

Upward lead the patterned garden stairs

OF GARDEN steps there are many, many variations. Of them all, the most interesting are those which present a distinctive pattern in perfect harmony with their surroundings. Such a stairway, in the Z. G. Simmons garden at Greenwich, Conn., is here presented. It utilizes Belgian blocks and was designed by James Y. Rippin, architect and craftsman, associated with Isabella Pendleton, landscape architect of the garden

South African plants for American gardeners

By Sarah V. Coombs

ALMOST any garden is attractive in spring, thanks largely to Holland and Switzerland with their bulbs and rock plants. May and June bring reward to many a lazy gardener, for flowering shrubs and some Roses, Honeysuckle and perennial Pinks bloom year after year with little care and fill the owner with an agreeable feeling of pride and accomplishment.

But after June the exhibition falls off and few places could be emptier so far as flowers are concerned than most American gardens in July and August. Their state is sad enough till the annuals come in abundance. With September the owner's pride revives. The gardens are gay with color, yes, but so much alike! Season after season the same Zinnias, Marigolds and Petunias and all the others bloom. They are a fine sturdy lot and should not be neglected, but—is there no room for something new among all these standbys? A relative of mine once took as her ward a small waif, to save her from a life in the poorhouse where she was apparently stranded, and Barbara's inelegant but expressive remark when anything failed to please her was, "It's stale to me eye." I quote Barbara mentally many times when I look at gardens. Stale they often are, but they do not have to be.

Why not as a mild form of gambling try a few new varieties? In all the world we shall find no such wealth to choose from as in South Africa, that almost mythical land where unbelievable profusion and gorgeousness exist in the native flora. It *will* be a gamble, for we shall have to learn their tricks and their manners, but the reward will be great. The whole country is so rich in beautiful and interesting and sometimes freakish plants that the botanists have not even classified them all yet. Brilliant pictures of the South African flowers fill the old gardening books. Many are found in English gardens but they are nearly all strangers to us. Some will grow easily, others will be more difficult; but isn't it about time that we stopped doing only the easy task and grappled with plant problems as the English do and as our best gardeners do, trying to find each plant's likes and dislikes?

Most of the South African plants can be grown in our greenhouses and many of these will grow also out-of-doors as our summer bulbous ones do. Many annuals will do well in our climate which with its hot, dry summers often suits them better than England's damper air. With few exceptions, they will grow out-of-doors all the year in the South and in California.

South Africa lies between the parallels which in the northern hemisphere enclose the miles from Cuba to the northern part of South Carolina. Its climate is of several types. In the western part, winter rains and summer drought produce a flora gorgeous and abundant in the springtime but later in the season rather that of a semi-arid land. In the interior and on the east coast, the winters are dry and such rains as there are come in summer. The eastern range of mountains shows a semi-tropical growth, especially on its southern and south-eastern slopes. In many parts of the country stretches a great grassy veldt showing only an occasional tree or shrub. Sometimes there are desert conditions and again we find a crowded forest growth.

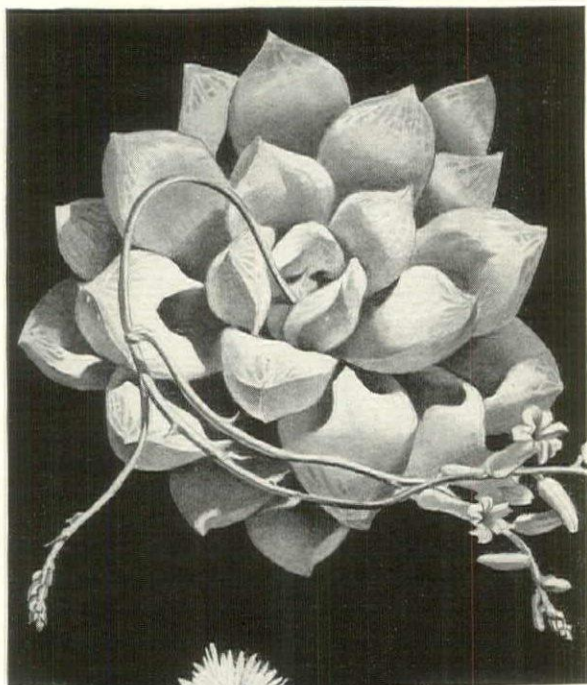
It is a region enormously rich in bulbous plants, some of which we will take up in this article and others in the next, but let us begin now with some other interesting plants which may be grown quickly from seed. Everything described may be bought in the United States with one exception, *Venidium calendulaceum*, which may be obtained quickly from England. Thanks are due to Mr. T. H. Everett N. D. H. of the New York Botanical Garden, for his help and advice in compiling a list of worth-while flowers for our gardens, sun-rooms and greenhouses.

Gerberas, *Nemesias* and *Dimorphothecas* are all interesting but have been grown already in many gardens. Even *Gazania rigens* with the *splendens* hybrids are fairly well known. We will take up instead such comparative strangers as *Felicia bergeriana* and *F. anelloides*. The former has yellow-eyed Daisy-like flowers of an intense blue, a blue as clear and pure as that of a Gentian. It grows about 6" tall and blooms from June till frost. Like most of the South Africans, it likes full sun. Seeds may be sown out-of-doors but it is better to start them early in gentle heat and set out in May or June. They make a fine border. *F. anelloides*, the Blue Marguerite, is an old greenhouse plant, to be treated like a *Cineraria*. It has exquisite sky-blue flowers. A splendid pot plant which may be planted out in summer in a protected place.

Two other good composites with Daisy-like flowers are *Venidium fastuosum* and *Ursinia anethoides*. *V. fastuosum* grows nearly 3' tall and has beautifully rayed flowers of a flaming orange-red with a purple-black zone at the base of the petals and a black center. The flowers are 4" to 5" across. Grayish silky foliage. Treat as a half-hardy annual. Sunny situation. *V. calendulaceum* is another fine variety. *Ursinia anethoides* has brilliant orange flowers over 2" in



CRASSULA RUBICUNDA

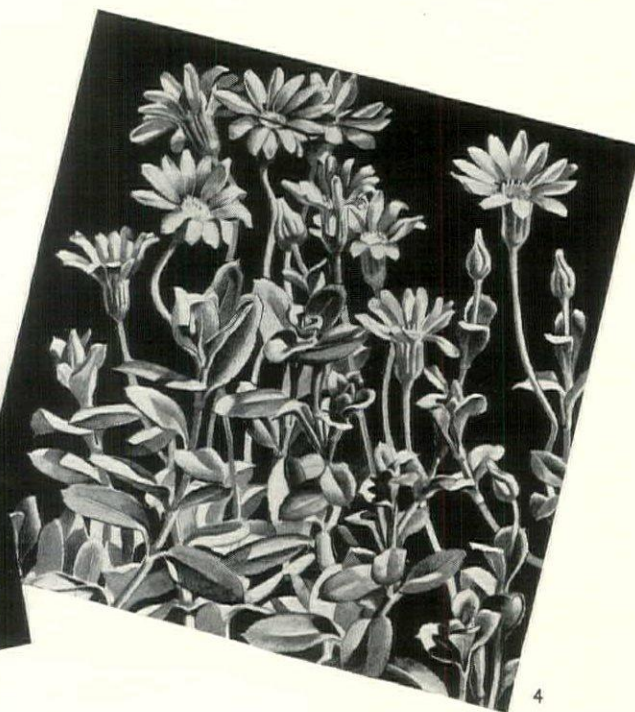


diameter with a purple zone around the center. Height 1'. Fine for cutting. Treat as a half-hardy annual for out-of-doors or start in January for the greenhouse. Sunny position.

Heliophila (sun-loving) *linearifolia* is a Cress-like flower in long racemes of a lovely blue with a white eye. It grows very freely and is fine in masses. May also be grown as a cool greenhouse plant.

Choosing among South African flowers is like going to a banquet when one is on a diet. There are so many, such beautiful gorgeous creatures, that choice is difficult. An enormously large and interesting group is that of the succulents. Garden literature of the Cape lists many thousands of them, of every shape, color and kind of beauty or queerness or both. The *Mesembryanthemums* (midday flowers) alone need volumes. Many are beautiful, many so odd and grotesque as to be almost unbelievable. Some of them cover the veldt practically overnight with a carpet of brilliant color. Grown in cooler climates they are to be treated mostly as greenhouse or sunroom plants as we often treat our Cacti and Sedums. They may be set out in summer and will grow contentedly enough in our rock gardens till cool weather. Sun-loving, they particularly like a light sandy loam mixed with brick rubbish broken small. They need very little water in winter. To mention only four of all the hundreds: *Mesembryanthemum aureum*, flowers orange-gold, 2" across, petals in many series, wonderfully brilliant; *M. roseum*, flowers clear rose-pink, borne in masses; *M. tigrinum*, Tiger's Jaw, stemless,

SOUTH Africa offers a vast array of flowers strange to our eyes and worthy of any experimental gardener's attention. Some are pictured: 1—*Haworthia cymbiformis*, a succulent with green leaves and creamy flowers. 2—*Mesembryanthemum*, often called Ice Plant. 3—*Richardia Elliottiana*, a yellow Calla Lily. 4—*Felicia anelloides*, the Blue Marguerite, which is by way of being an excellent pot plant for summer setting out





5



6

CONTINUING the story, one can well try: 5—*Ursinia anthemoides*, with orange flowers and a fondness for sun. 6—*Aloe saponaria*, which needs a winter greenhouse or sun room but can be planted out in summer. 7—*Heliophila linearifolia*, fine for massing, with its long racemes of blue, white-eyed blossoms. 8—*Haworthia margaretifera*, whose broad rosettes and dainty brownish cream flowers are distinctive



7



8

large yellow flowers, leaves long, green and marbled with white, turned-up edges with long soft teeth; *M. tricolor* is a dwarf half-hardy annual. Flowers crimson, pink and white with a dark center. Height 3". Fine for the rockery.

Of *Rochea coccinea*, an old favorite, long known as *Crassula coccinea*, the well-known botanist Curtis wrote in 1799: "No succulent is superior to it, whether we regard its grandeur, the curious growth of its leaves, or the rich colour of its scarlet blossoms readily produced on plants of a moderate size." It likes a peaty soil and good drainage, plenty of sun but moist atmosphere. Scarlet flowers in summer. Fragrant. Sheltered position outdoors in summer. The Crassulas are to be treated like other tender succulents. They need much sunlight. Open air in summer, little water in winter. Soil, sandy loam. There are some desirable members of this family, many growing in charming little tufts and having bright flowers. *C. rubicunda* Brilliancy is a plant with handsome scarlet flowers in summer; 2' to 3' tall; flower clusters 4" to 6" across.

Aloes are other good succulents, needing greenhouse or sun-room treatment in winter. They may be planted out in summer. Of the many species, I mention only *saponaria* and *latifolia*. *A. saponaria*: Leaves gray-green or purplish, racemes of bright orange-scarlet flowers, short and compact. Varies into many forms. *A. latifolia*: perhaps a variety of the former, with sage-green leaves, blotched. Short dense raceme of flowers, orange-scarlet.

The Haworthias are similar to the (Continued on page 72)

First aid for perennial borders

By Louise Beebe Wilder

AS SURELY as seasons wax and wane the gardener is confronted with the time when he must "do something" to that most troublesome adjunct of the garden, the herbaceous border. Each of us who has looked his borders fairly in the face this summer (and not as a mother regards a beloved child, with excuses on her lips and infinite tolerance in her heart) is less than satisfied. For when is a herbaceous border wholly satisfactory? Almost never!

I am not sure but that I should call the herbaceous border the bad child of the garden, so seldom does it come up to our expectations, so almost invariably does it disappoint us and flout our utmost efforts to perfect it. The trouble is, as it is so often with the unruly child, we expect something of it that it simply cannot be. We expect it to present to us for at least five months of the year—May, June, July, August and September—a radiant and flawless face. This, in our climate where prolonged droughts and torrid heat rush the plants in and out of bloom with disconcerting speed, and torrential rains thrash the flowers to a pulp and lay low the strongest stalks, is a wellnigh impossible accomplishment. Even in the British Isles, where the herbaceous border is at its best because the garden practitioners have reached a high degree of skill in this branch of their art and where the climate is more gentle-tempered, it is not the easily turned trick it seems to envious beholders from our shores. Even there subterfuges must be resorted to. With my own eyes I have seen (even in Miss Jekyll's matchless garden) pots of Lilies and annuals in full bloom being craftily dropped into such sections of the border as have failed to come up to standard.

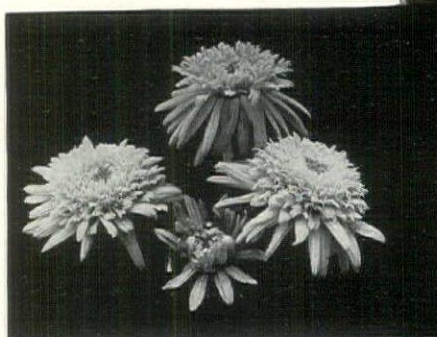
I don't know any reason why this practice is not playing the garden game in a perfectly legitimate way, but somehow one always has a sense of its being not quite fair. In any case it is an expensive ruse, or expedient, necessitating glass and gardeners and what not—things which most of us are rather short on.

The herbaceous border, it seems to me, should be made to stand on its own merits and we, perhaps, should be satisfied with something less than crass perfection. There will be periods in every carefully made

border when it will smile graciously from end to end, but there will also be (unless we practice expert pot-dropping) periods when it will be not so good.

At any rate there is always something that may be done to improve it. Once in every three or four years the border should be completely turned out, re-dug and re-fertilized, the plants rearranged. This is preferably done in early spring. At this season the most we can do is to pick out the most glaring defects and remedy them to the best of our knowledge and ability. There will undoubtedly be a certain amount of elimination to be done; some plants will have proved unworthy in our

sight, or have turned out to be depredatious weeds. Such should be torn out and thrown upon the rubbish heap. Do not worry along with plants you do not admire or that give you unnecessary trouble. Of some fast spreaders you may be very fond and these, such as the *Helianthus*es, *Boltonias* and *Bocconia*, will need drastic curbing. Seedlings of *Phlox*, *Coreopsis*, *Hollyhocks*, *Foxgloves* and the like will have sprung up in the wrong places. These, save the *Phlox* seedlings which will invariably turn out to be worthless, may be transplanted to situations where they will be effective. Certain clumps of *Phlox*, *Moonpenny Daisies*, *Delphiniums*, *Pyre-*



DOUBLE PYRETHRUM



FOXGLOVES



ERIGERON QUAKERESS



Fresh light on growing better Aconites

By William J. Bonisteel

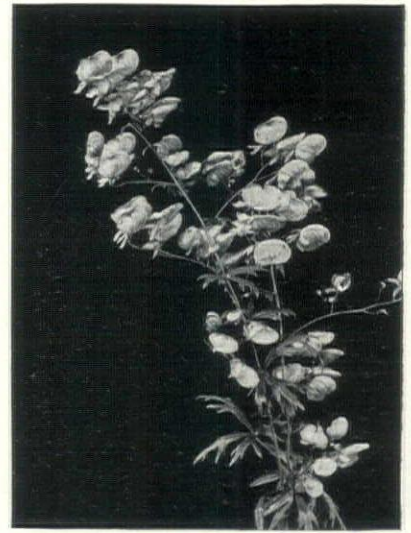
AT THE end of July the Aconites have been blooming in my garden since the first of June and there will be one or more types in flower until the heavy frost arrives. Nearly six months of blooms! How many other garden plants can boast of such a flowering period? Last year the late bloomers stood a temperature of 26° Fahrenheit before they succumbed. In the region of New York Aconites are often in bloom during the last few weeks in November.

These plants, known to our grandmothers and great-great-grandmothers as Monkshood, have an unusual flower formation. Nature, wishing to protect the pistils and stamens of the flower, made two of the showy petal-like structures grow together, then stretched them out a bit and made them bend over the essential parts, forming a hood. This hood conceals a pair of sugar secreting organs or nectaries which provides abundant food for the bumble bees acting as pollinators for these plants. The Aconites belong to the Buttercup group of plants, or Ranunculaceae, and have the Delphinium for their nearest relative.

The natural habitat of the Aconites is in the mountainous regions of the Old World, the Rocky Mountains, and sparsely in the

eastern United States. A rare and notable early bloomer is *Aconitum noveboracense* of our eastern mountains. Its normal flowering period is in July and August, though in sheltered places of New York it blooms in late May. This flower should be given ample protection by the conservation forces in the States in which it occurs. A brief study shows that it, growing near the banks of small streams, likes a more or less damp soil. The partial shade of half open woods gives enough sunshine. The soil is a mixture of leafmold and sand, and sometimes is associated with clay. Any good garden soil will suffice for Aconites provided abundant moisture is present. A good soaking of water will prove to be more efficient than several wettings with the hose where your location does not have the natural moisture in the soil.

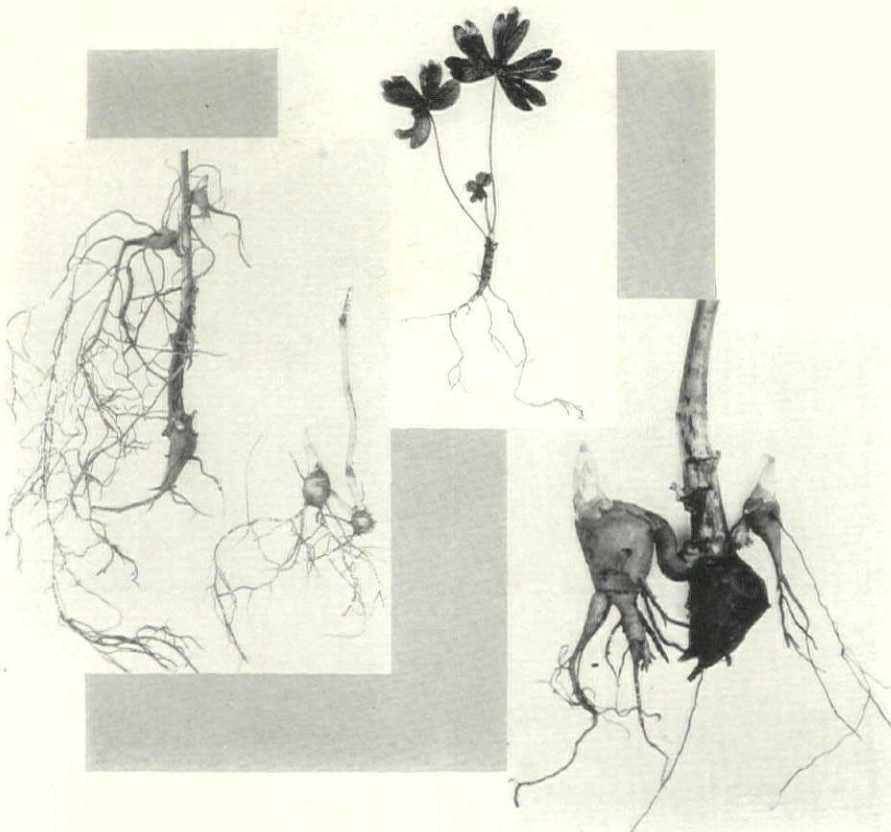
When should Aconites be planted? Much has been written about the proper time to set out our many ornamental favorites. True, one may remove almost any plant at nearly any time of year if sufficient soil is



taken with it, but this is not always ideal. This is particularly the case with dormant plants and those which need to be transported long distances. This article is concerned with the dormant tubers that are normally sold by our nurserymen, and not with seed germination and seedlings. Success with the Aconites depends almost entirely upon planting in the fall. It may seem a long time to wait until the next summer to see the prize that you have secured but your patience will surely be rewarded.

It is said that Dr. J. E. Weaver studied the root systems of plants by having his students dig down and find out the extent of the absorbing organs and depths to which plants go for water and mineral material. In fact the amateur gardener would learn much about his plants if he, too, would dig down and see what was going on in the soil. We are indebted to Weaver for his work in this important field.

One of the best of the late blooming Aconites is *A. wilsoni*, brought back from China by the late Dr. Wilson. The underground portion of this plant at the flowering period is shown in the lower right photograph on this page. The stem passes down to the old tuber, which is in the center. Sufficient food was stored in this old tuber to permit an early growth in the spring. There are two new daughter tubers each with a prominent bud which will in turn give rise to a new plant the following year. *A. wilsoni* usually produces two daughter tubers, while *A. noveboracense* gives rise to only one. In certain Aconites there are as many as thirteen daughter tubers but few (Continued on page 70)



ABOVE, *Aconitum californicum*, a western species. Below, left to right: Tubers and root systems, showing the effects of deep planting on their development; a seedling of *A. napellus grandiflorum*; two daughter tubers growing from an old tuber of *A. wilsoni*



ROBERT MACLEAN GLASGOW

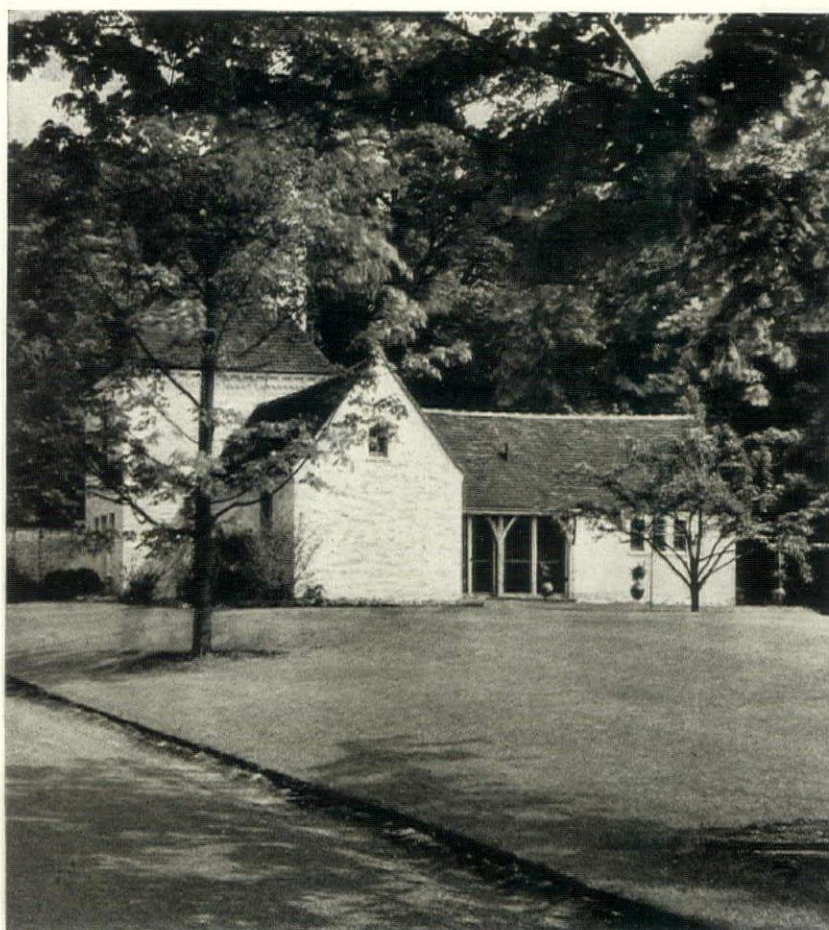
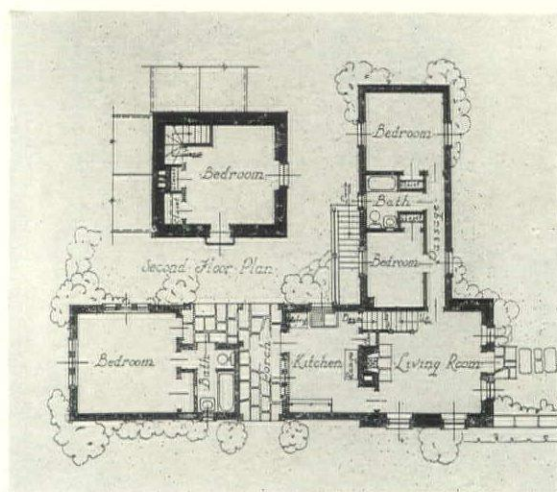
Connecticut gate-lodge home goes Norman

ON THE J. M. Kaplan estate at Greenwich, Conn., a gate-lodge that is really a complete small home adds appreciably to the general interest. The lodge is of Norman design in native random fieldstone, whitewashed. At the other side of the gate is a supplementary unit with garage and tool shed. Frank J. Forster & R. A. Gallimore, architects

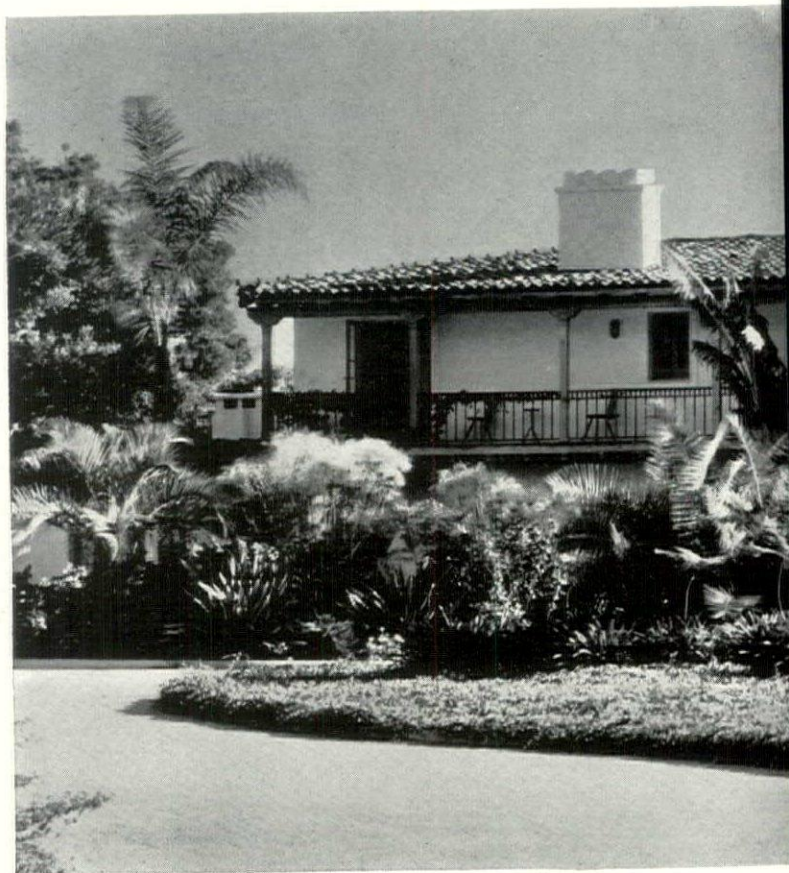


House and drive are situated to take advantage of the fine trees that border the estate. At sides and rear are grass terraces. The wing parallel to the road in the view at right houses a guest room and bath separated from the house by a loggia-porch that cuts completely through. Charles W. Leavitt & Son, landscape architects

THIS small residence is made up in "L" form, with living room, kitchen and a second story bedroom at the apex, and bedrooms in the wings. The principal entrance is at the side behind the gate, and the service entrance is concealed by the porch that separates the guest wing. Except immediately over the living room there is no second floor

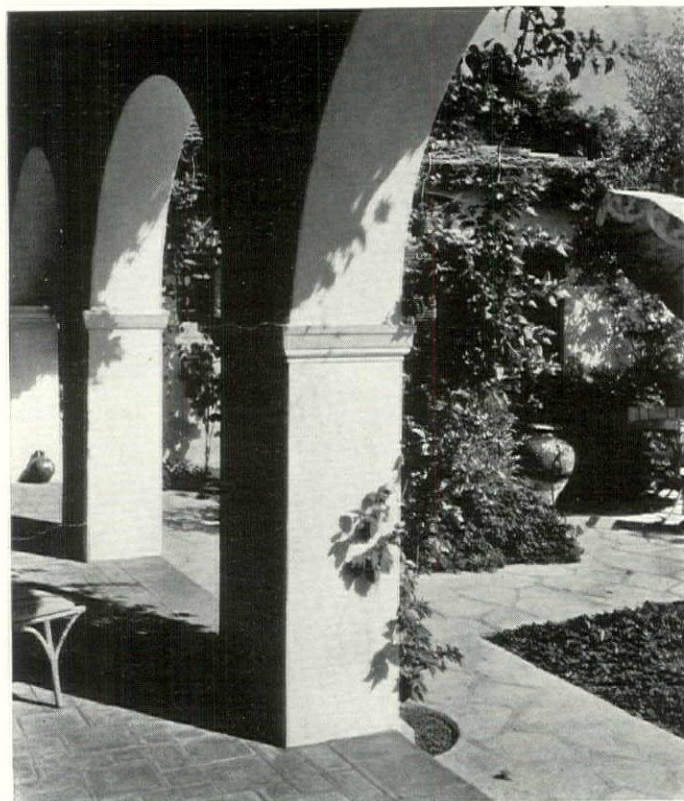
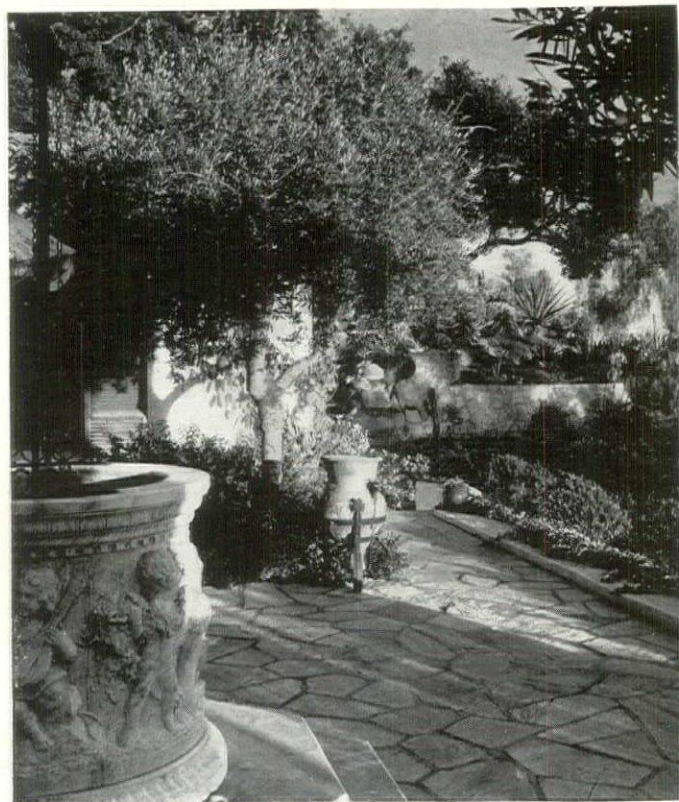


On a high ridge between a verdant valley and the sea



CUATRO VIENTOS, the California home of Mr. J. Henry Behrens, has an ideal location on top of Mission Ridge, overlooking Montecito Valley on the north, Santa Barbara and the Pacific. The name is Spanish for "Four Winds". Reginald D. Johnson, architect

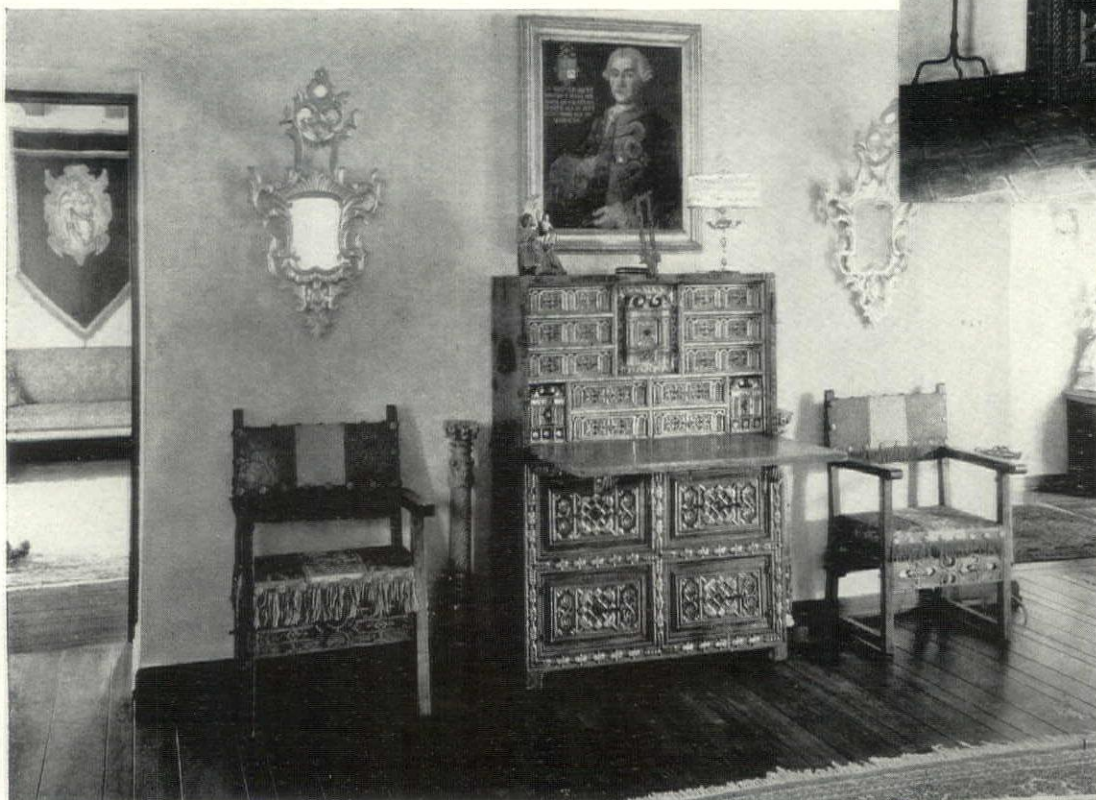
ABOVE and at left are views of the front, or north façade. The patio here is devoted to shade-loving plants—Camellias, Begonias, etc., and many exotic sorts. Space between tiles filled with Chinese Moss. Doors are 17th Century Spanish in carved walnut





THE lower pictures on the opposite page are views of the rear patio. This patio contains the sun-loving plants, rare varieties of Hawaiian Hibiscus being featured. One section of the garden is given over to Cacti and succulents, of which over five hundred varieties are represented from many deserts of the world

IN ONE corner of the two-story entrance hall furnished entirely with antique pieces is an exceptionally fine 17th Century carved oak Sacristy cabinet flanked by iron torchères of the same period. The heraldic wall-hanging, emblazoned with the arms of Castile, Grenada, Valencia, etc., comes from a town hall in Spain



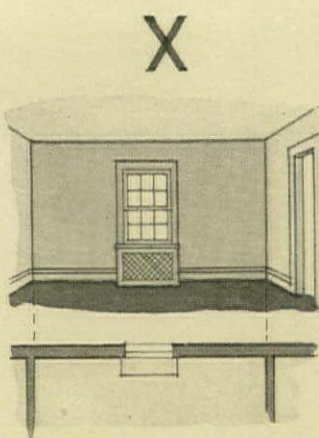
TO THE left is a view of the living room, decorated in Spanish 17th Century manner. The Castilian vargueno shown is one of the best in this country. Drop front of top has delicately pierced and gilded ornamental ironwork applied on red velvet. The interior is decorated with ivory inlay, encrusted with red and gold. All the photographs were taken by Mr. Behrens

X + Y = New bathroom facilities
 when x = present conditions
 and y = a modest expenditure

By Gerald K. Geerlings

Not so long ago one's home was decidedly more comfortable than an average hotel. But now that is not so true as regards bathroom facilities. While a modern hotel room has its separate bath, the home often provides only one bath to every three bedrooms. While each bedroom need not boast a full-fledged bathroom in the average house, an economical equivalent may be approximated suitably in some such manner as shown at right

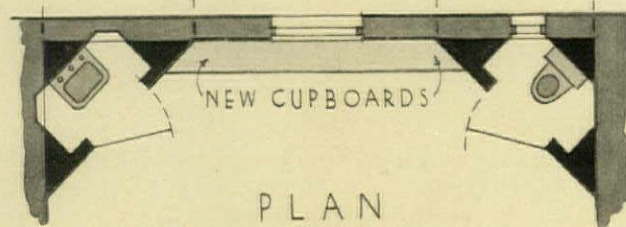
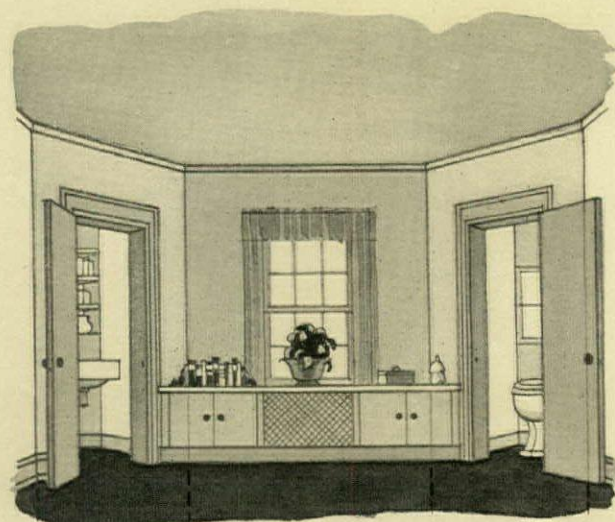
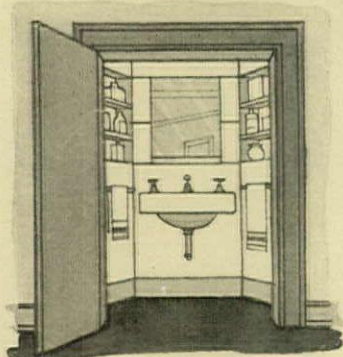
When it is not feasible to add a bathroom or to sacrifice an existing bedroom, a possible solution lies in cutting off the corners of a large bedroom. The cost of partitions, doors and small window in the toilet fixture compartment, should be from about \$60 up. A first-class lavatory costs from \$37 up, a toilet fixture (one-piece and noiseless) from \$45 up. Window-seat cupboards as shown can be built-in for about \$12



+

Y

=



Rare the house which at some time or other does not need a full quota of bathroom fixtures added to at least one bedroom. Particularly when the male constituents, young and parental, yearn for shower baths. These facilities are frequently more important than bedroom floor space. If so, and if the room can spare 3' at one end, a plausible solution is to provide two compartments as shown adjacent

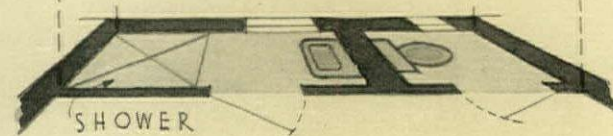
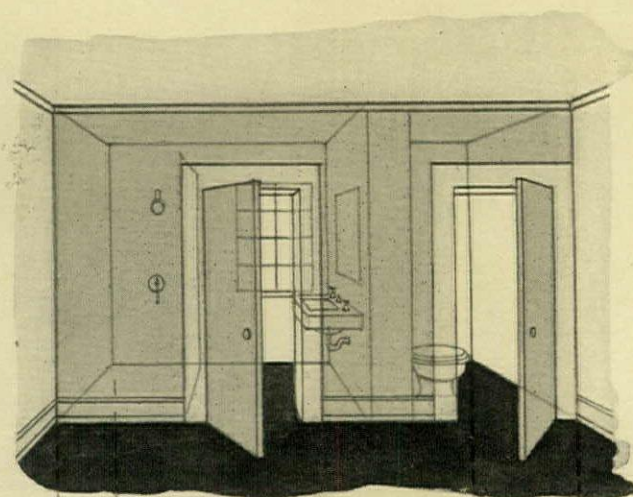
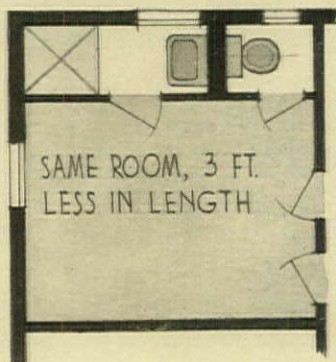
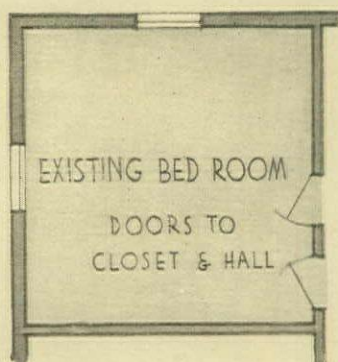
To build up the new partitions (coating them with cement plaster), including doors and new small window, would cost in the neighborhood of \$70. Imitation (but satisfactory) tile will cost 36¢ per sq. ft. installed. Genuine white tile on the walls costs about 90¢ per square foot; floor tile, 75¢ up. A shower fixture, and installation in the room, runs from \$59 up. Lavatory and toilet fixture prices are given at top of the page

X

+

Y

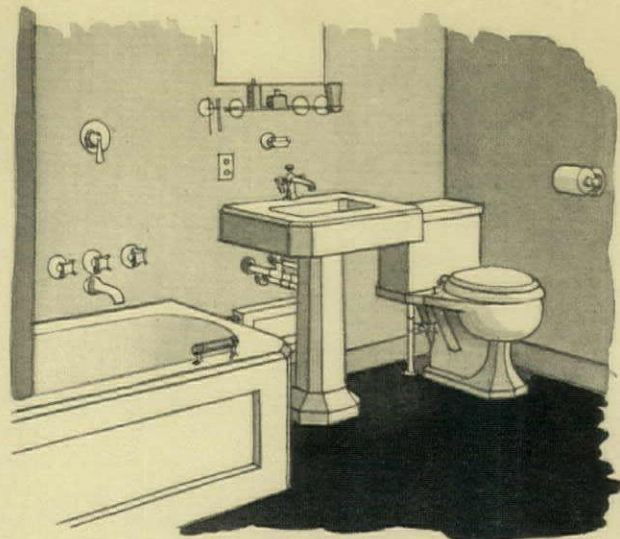
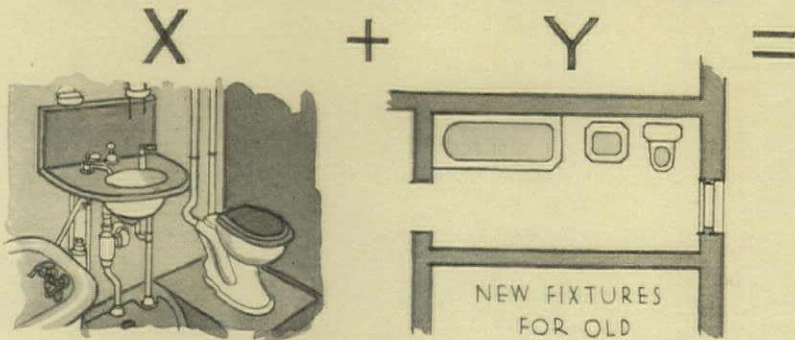
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PERSPECTIVE PLAN

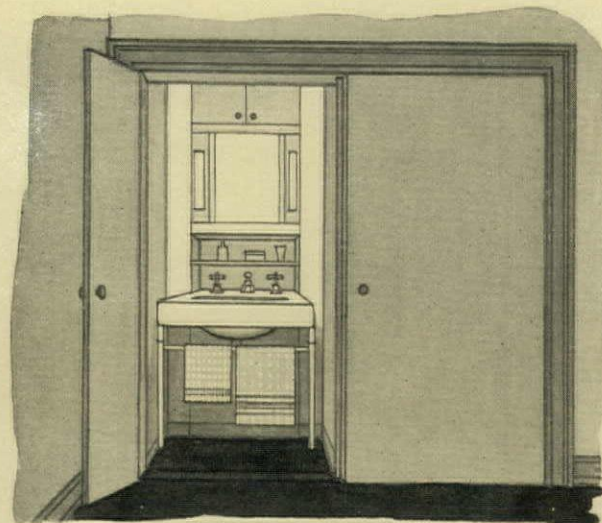
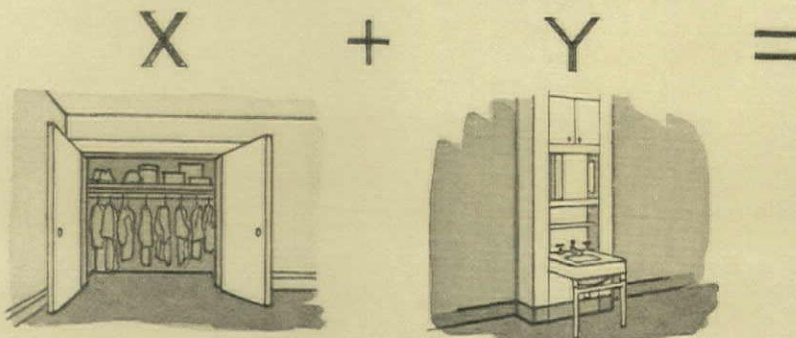
Just as bustles date the tin-types in your family album, so does antiquated plumbing proclaim the age of your house. Modern wall coverings and furnishings can transform living rooms, but only new plumbing fixtures rejuvenate the bath

The cost of the three matched fixtures shown right is: tub with all tub and shower fittings, \$108; pedestal lavatory, \$43.50; toilet fixture (one piece), \$52. Labor for installation will vary according to conditions - average \$100



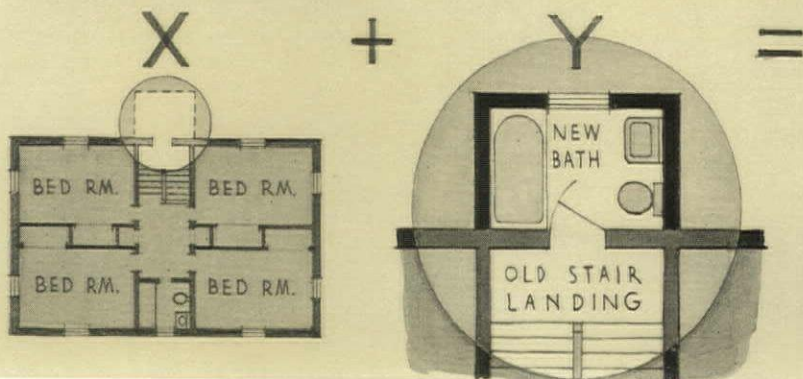
If your house is well supplied with closets but lacking in bathing facilities, consider the advisability of moving the contents of a closet into a wardrobe and chest of drawers, and installing a new bathroom unit with no exposed pipes

This prefabricated bathroom unit consists of medicine cabinet and mirror, light reflectors, towel cabinet, lavatory and bar between its supporting legs for towels. It is 7 ft. 9 in. high, 34 in. wide, and costs \$75 without installation



Does your bedroom floor have one bath only, and defy you to install one? If the stair hall is at all like the general plan shown below, a practical solution lies in building out a bathroom at the stair landing level, as indicated in the circle

The entire cost of an addition projecting from the face of the house as shown below and at right, would be about \$500, including plumbing fixtures. The new bath will be equally usable from both the bedrooms and from the first floor



Keep your house from slipping back

CONTRARY to popular belief, houses don't stand still. They either march forward or they slip back. Build a house today, pay little or no attention to it, and tomorrow it starts slipping. You won't notice it unless you keep a sharp eye out. But if you do keep a close watch it probably won't slip, because you'll be interested enough to push it forward.

Proper maintenance keeps a house on the march along with the times. But the fact is that except when the necessity for some repair or replacement forces his attention, the average home-owner does not consider maintenance needs. Even then the problem of maintenance as a definite factor to be dealt with does not usually occur to him. If too many things go wrong over a short period he is very apt to blame the builder for doing a poor job, while the real fact is that he, himself, is not paying the reasonable attention to his investment that any proposition in which so much value is tied up should warrant. When we stop to realize the many elements that go together in the make-up of a house, and the forces to which each in a varying degree is subject—ordinary wear and tear of usage, wind and rain, heat and cold, expansion and contraction, to mention only the elementary ones—we begin to gain an appreciation of the need for watchful care.

WHEN we buy an automobile we get a set of tools and a book telling how to keep it in best running order, with explicit directions as to how often the oil should be changed, besides the many other things which must periodically be looked after. In regard to mechanical refrigerators, oil burners, etc., we have been educated to the value of servicing. There has, however, been no definite educational campaign on the care of a house. How many people, for example, are aware that the boiler of their heating system should be cleaned at least once a year; or that such a simple thing as the gutter which takes the water from the roof should have similar attention?

Some men can do much themselves in looking after the small things of a house, such as fixing a lock, or putting a washer on a faucet, but few can do much more. The painter is called in, more often the plumber, to make an emergency repair. They do not come again until sent for. We go along on a basis of haphazard upkeep instead of systematic maintenance.

In the construction of a house, the specification of the architect, in general, calls upon the builder to guarantee his work for the period of a year, and upon

such things as roofs and waterproofing, where the possibilities of damage are great in the event of a breakdown, a guarantee of five years is demanded. The responsibility of the builder is his guarantee. Furthermore, in the case of manufactured articles built into the house, such as steel sash, hardware, plumbing fixtures, and the many other contrivances that go to make up a building, the responsibility of the manufacturer is one of the strongest guarantees there could be. The last bulwark for the owner is the architect, who in the event of trouble smooths the way and sees that each contractor and manufacturer lives up to his promises. Most all of this applies to the new house and means that the owner has at least one year of grace before he actually begins to take over the real upkeep, and that year should be one of preparation and training. The owner should try hard to become familiar with the working parts of the building, particularly the heating and plumbing systems. Certainly in that time he will find out, if he looks, that wood shrinks and swells, and that paint wears through usage, that the heating plant is apt to be temperamental and the plumbing makes its demands. This realization is sometimes something of a shock to the proud possessor of a nice new house, but it is bound to come, and should bring with it something of an understanding of the necessity for maintenance.

The proper maintenance of a house means not alone that the value is kept up but goes much further than that. Good maintenance includes keeping a house so up-to-date that if a mortgage comes due there is little or no question of depreciation; and if one wants to sell the house, it is always in condition to stand thorough inspection.

A SYSTEM of inspections made at stated intervals, preferably by experts is not too much of an undertaking. It should be possible to employ a general contractor to do this work, who, after checking the roof, walls, plumbing, heating and all other elements, would not only make a list of recommendations but at the same time would give estimates for each of the things to be done. Such a procedure would be equivalent to the servicing of an automobile and could be carried out in the same manner. In some parts of the country alert builders are doing just this work, some on a yearly basis of payment.

Too much emphasis cannot be put upon the value of good care because it reduces the expense of maintenance to a minimum.

By Julius Gregory

The man who takes proper care of his house usually understands the need for maintenance. He knows that the outside should be painted at regular intervals, and that the surfaces of his floors should not be allowed to wear down to the wood. He is the type that realizes the terrific strain excessive heat has upon plaster, woodwork and paint, and is careful to avoid damaging extremes of temperature. Such a person comprehends and carries out the upkeep of his house as a matter of common-sense protection of his investment, knowing that failure means inevitable loss in value.

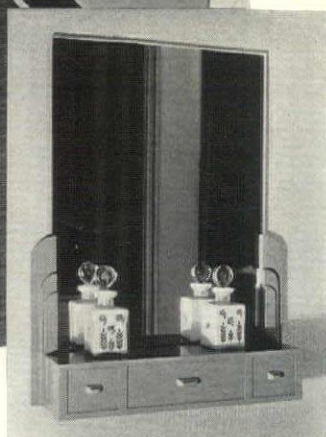
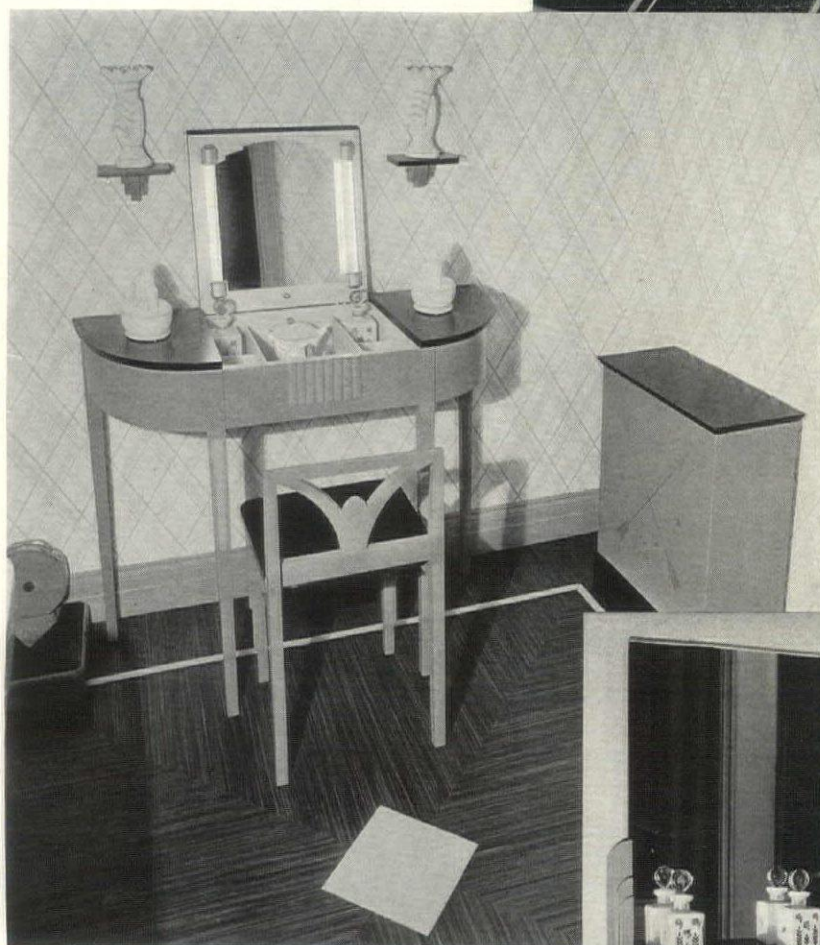
WHETHER a man has the ability and enjoys puttering around his house or is without the knack for wielding the paint brush or tools, he should keep his property in order. However good he may be, his work as a carpenter or painter is limited, and in the event of emergency he must fall back upon a professional. If he can have his work done by the contractor who built the house, so much the better. If not, he should always try to have the same contractor, plumber and heating man, so that he will have some one familiar with the individual peculiarities.

In giving a house an inspection for maintenance repairs, one would begin with the cellar and look for settlement cracks, leaks, floor cracks and the many small things that are liable to happen to the masonry. He would look over the chimneys for cracks, especially around the top, and would examine the flues for obstructions and soot, following something of the same sort with the fireplaces. He might then take up the heating system, and beginning with the boiler go right through the entire plant, piping, valves, radiators and insulation. In this manner should inspections and the necessary repairs be made. After one general review and repairs have been made, succeeding inspections by the same workmen would be comparatively simple.

It is proposed in the articles that follow to point out and outline a systematized method of house maintenance. Each part of the house will be taken up in detail, with a description of its functions, its liability to failure, and its care. This series will give to the owner the essential directions for the care, repair and maintenance of his house and equip him so that he will begin to know at least as much about it as he does about his automobile.



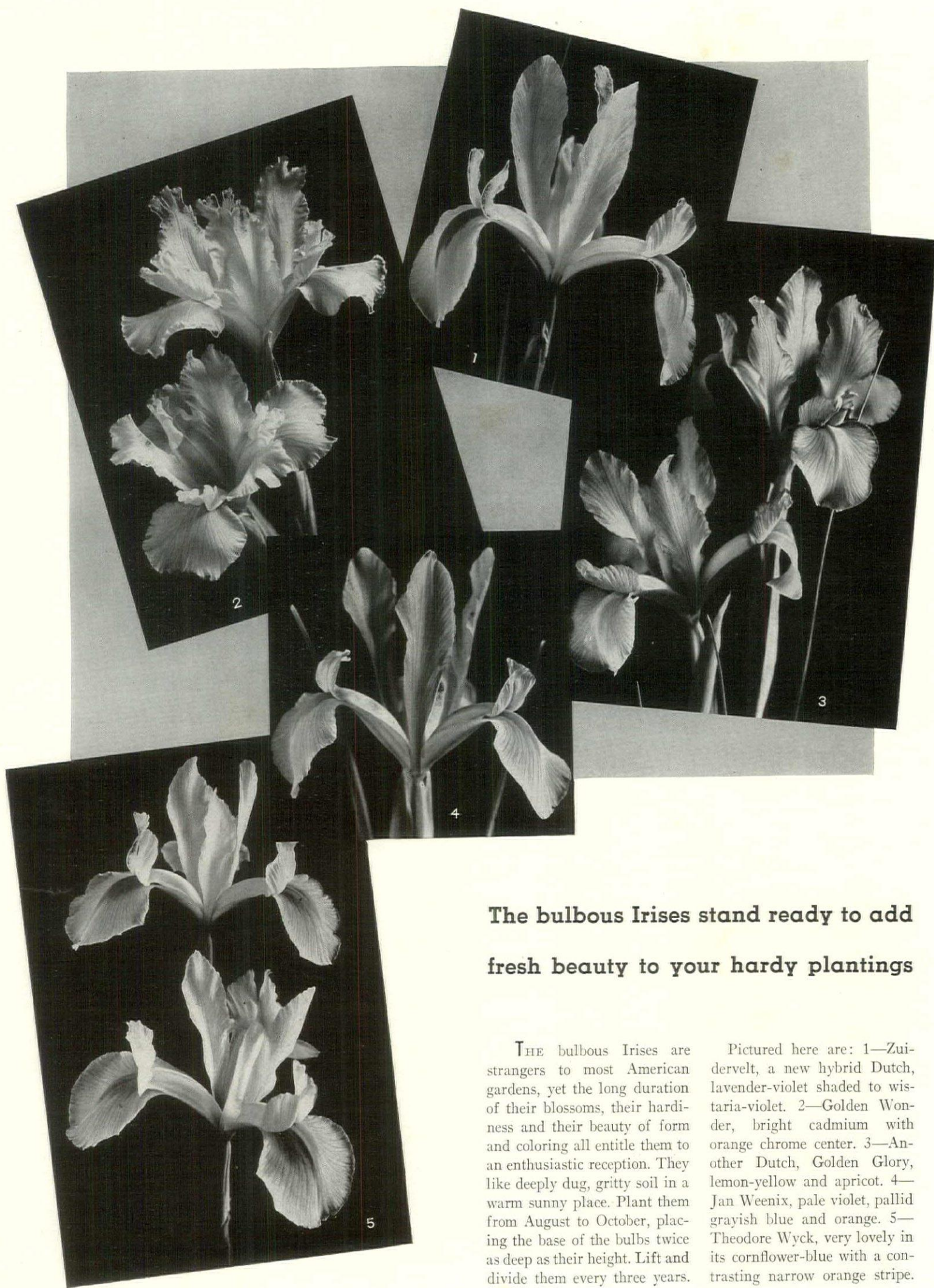
GEORGE W. HARTING



Ensembling the bathroom in fine furniture fit for a bride

ABOVE. A bath-dressing room takes its decorative cue from furniture painted black and silver with flame-colored lining. Dressing table, hamper and towel rack, and other furniture shown are matched bathroom accessories now made by the Church Manufacturing Co. in a wide variety of excellent color combinations. The Directoire motif is used throughout. Upper left. Green and black hamper, front opening.

LEFT. A smaller dressing table and hamper painted soft green and black with peach lining. Green and white latticed wall paper and green linoleum floor. Lights in frosted glass tubes on either side of the mirror. The wall brackets—black with green trim—are part of the ensemble. Insert, left. A hanging shelf and mirror combination. Wall papers: Imperial Paper Co. Glassware: Charles Hall. Martex towels from Mosse



**The bulbous Irises stand ready to add
fresh beauty to your hardy plantings**

THE bulbous Irises are strangers to most American gardens, yet the long duration of their blossoms, their hardiness and their beauty of form and coloring all entitle them to an enthusiastic reception. They like deeply dug, gritty soil in a warm sunny place. Plant them from August to October, placing the base of the bulbs twice as deep as their height. Lift and divide them every three years.

Pictured here are: 1—Zuidervelt, a new hybrid Dutch, lavender-violet shaded to wistaria-violet. 2—Golden Wonder, bright cadmium with orange chrome center. 3—Another Dutch, Golden Glory, lemon-yellow and apricot. 4—Jan Weenix, pale violet, pallid grayish blue and orange. 5—Theodore Wyck, very lovely in its cornflower-blue with a contrasting narrow orange stripe.

What ten dollars will buy in the way of choice plants

NOT IN years have there been such opportunities to purchase first-class plants as now exist. The depression has pushed prices down and, odd as it may seem at first glance, has raised the quality in many, many instances. What has really happened is that the growers, determined to make their offerings more attractive, have emphasized the production of the finer species and varieties. Thus it results that many of the plant catalogs of today contain moderate-priced material which, at any figure, would hardly have been dreamed of three years ago. Some of it is wholly new, much of it represents improvements upon already well established sorts. All in all, this autumn of 1933 is outstandingly a buyer's market for all who seek their gardens' real improvement.

As a guide to some of these opportunities House & Garden has prepared the following selections covering a number of particularly worthy plant families. In each list the amount to be expended comes to approximately ten dollars and is determined from prices quoted by first-class, reliable concerns. All of the plants are hardy and will succeed under average good garden conditions. The suggestions begin with—

HEMEROCALLIS

- Citrina—Large lemon yellow, fragrant, 3', June-July. 25c
- Middendorffi—Rich chrome yellow, 2', flowers in May. 25c
- Thunbergi—Rich buttercup yellow, 4', flowers in July. 25c
- Bay State—Brilliant deep yellow, 4', late June. \$1.10
- Gypsy—Deep orange, 3', early July. \$1.10
- J. A. Crawford—Rich apricot yellow shaded light cadmium, 4', late June. \$1.10
- Mrs. W. H. Wyman—Lovely light pale lemon yellow, 4', Aug. 1st. \$1.10

ORIENTAL POPPIES

- Beauty of Livermore—Dark crimson. 40c
- Fairy—Pink. 50c
- Lula A. Neeley—Brilliant ox-blood red. Very fine. 45c
- May Sadler—Salmon pink. 40c
- Mrs. Perry—Apricot. 35c
- Olympia—Scarlet. 40c
- Perry's White—White. 45c

VERONICAS

- Amethystina Royal Blue—Rich Gentian blue. 35c
- Gentianoides—Pale blue edged deep blue, unusual combination. 30c
- Rupestris Heavenly Blue—Bright blue, prostrate, 40c

- Incana—Blue flowers, whitened, woolly foliage. 25c
- Longifolia subsessilis—Especially fine, 2'. Large flower spikes. 40c
- Spicata—Violet blue, very fine. 25c

TALL BEARDED IRIS (3 FOR \$1.00)

- Candlelight—Pale lavender & yellow
- Cardinal—Red-purple
- Chartier—White
- Cinnabar—Dark red
- Elsinore—Yellow with lilac
- Gay Hussar—Lemon and blood red
- Germaine Perthuis—Violet bicolor
- Midgard—Soft pink with yellow
- Realm—Rich blue
- Souv. de Letitia Michaud—Pale blue

EARLY DWARF IRIS

- Black Midget—Black purple. 50c
- Buzzer—Ageratum blue. 75c
- Candida—Creamy white. 75c
- Glee—Yellow. \$1.50
- Harbor Lights—Light yellow. \$1
- Judy—Ruby. \$1.50
- Lutea—Yellow. \$1
- Primrose Yellow—Yellow flecked lavender. \$1
- Purity—White. \$1
- Wendy—Blue and white. \$1

MISCELLANEOUS IRIS

- Butterfly—Soft blue Siberian. 50c
- Emperor—Deep violet Siberian. 25c
- Red Emperor—Wine red Siberian. \$1.50
- White Dove—White Siberian. \$1
- Aurea—Yellow Spuria. 50c
- Cristata—White Dwarf Crested. 25c
- Gracilipes—Pale lilac Dwarf Crested. 75c
- Tectorum alba—White Japanese Roof Iris. Not often seen. \$1.50
- Pseudacorus—Yellow Water Flag. 25c
- Albatross—White Japanese. \$2
- Mahogany—Purple-red Japanese. 3 for \$1

LILACS

- Hugo Koster—Single reddish. \$1.25
- Jan Van Tol—Single white. \$1.25
- Lamartine—Single rosy mauve. \$1.25
- Mirabeau—Single rosy lavender. \$1.25
- Mme. Lemoine—Double white. \$1.25
- President Grevy—Double deep blue. \$1.25
- Charles Joly—Double violet purple. \$1.25
- Lamarck—Double rosy lilac. \$1.25

LILIES

- Auratum platyphyllum—White, spotted yellow. 55c
- Canadense flavum—Bell-like yellow flowers. 25c
- Canadense rubrum—Bell-like red flowers, fine color. 25c

- Candidum—Snowy white. 50c
- Columbianum—Bright golden yellow, spotted maroon. 35c
- Hansoni—Yellowish orange. 50c
- Regale—White shading to brown and pink; yellow throat. 35c
- Speciosum magnificum—Very large, rosy red. 35c
- Superbum—Bright orange red, spotted purple. 25c
- Tenuifolium—Nodding scarlet flowers, rather dwarf. 20c
- Tigrinum fl. pl.—Orange red, purple-black spots. 30c
- Washingtonianum—Rich wine color. \$1
- Batemanniae—Apricot color. 40c
- Browni—Creamy white inside, purple outside. \$1
- Chalcedonicum—The scarlet Turk's-cap. Very fine. \$2
- Henryi—Bright orange yellow. 50c
- Testaceum—Soft apricot. \$1.25

GIANT TRUMPET NARCISSUS

- Duke of Bedford—Perianth white, deep yellow frilled trumpet. \$2 doz.
- Glory of Sassenheim—Pure white perianth, rich yellow trumpet. \$1 doz.

MEDIUM TRUMPET NARCISSUS

- Albatross—Perianth large, flat, white; cup pale citron with scarlet edge. \$1 doz.
- Autocrat—Clear golden yellow. \$1 doz.
- Lady Godiva—Perianth pure white, large, spreading; cup pale yellow, edged orange scarlet. \$1 doz.
- Red Beacon—Perianth broad white, orange scarlet cup. \$1.50 doz.

POETICUS NARCISSUS

- Cassandra—Perianth white; canary yellow cup edged with bright red. \$1.50 doz.
- Poeticus ornatus—Pure white perianth, saffron cup tinged rosy scarlet—a delightful flower. \$1 doz.

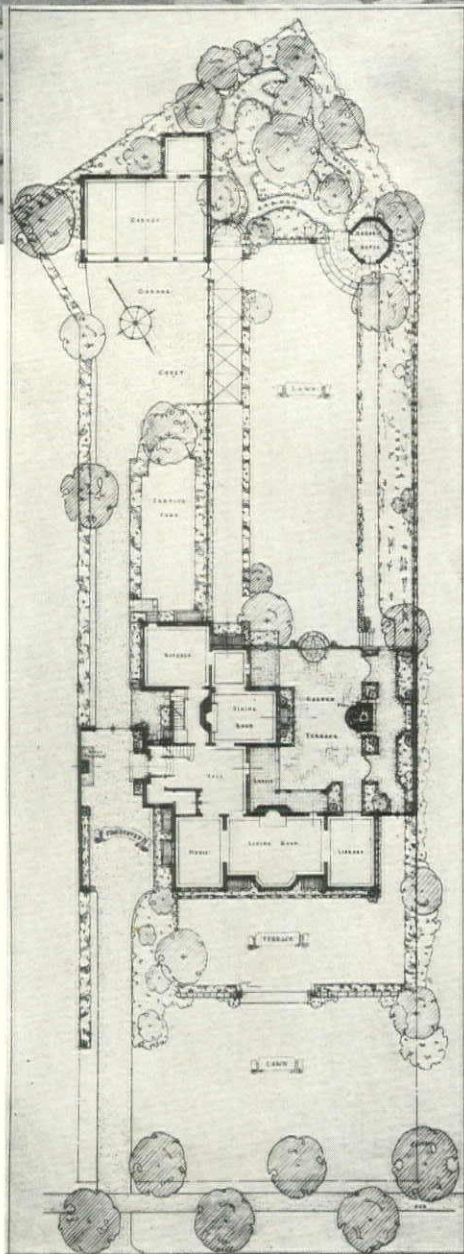
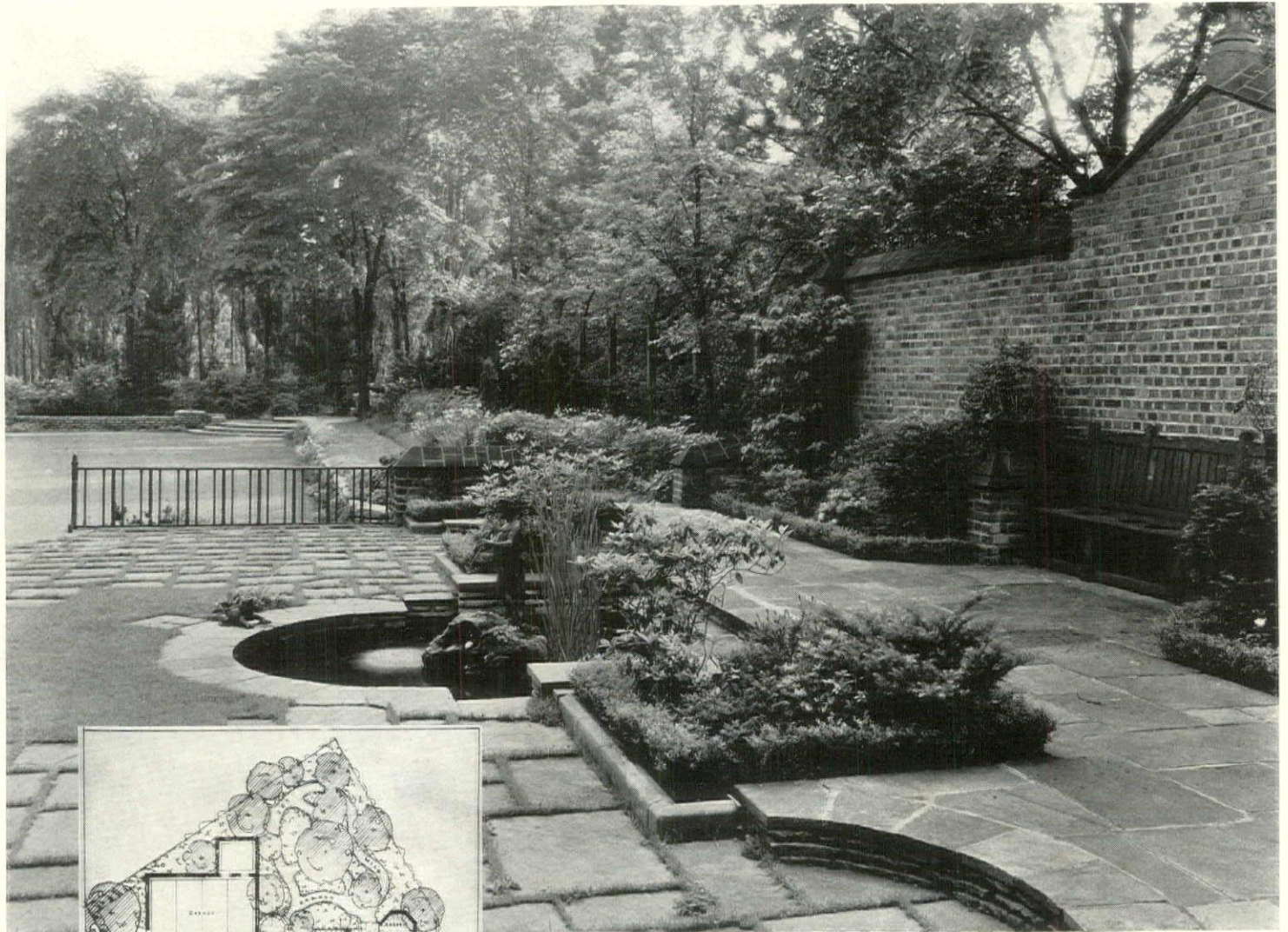
PEONIES

- Adolphe Rousseau—Deep red. \$1
- Baroness Schroeder—White. 75c
- Claire Dubois—Pink. \$1.25
- Festiva maxima—White flecked red. 50c
- Karl Rosenfield—Red. \$1
- Marie Crousse—Salmon pink. \$1.25
- Sarah Bernhardt—Pink. \$1.25
- L'Etincelante—Single carmine. \$2

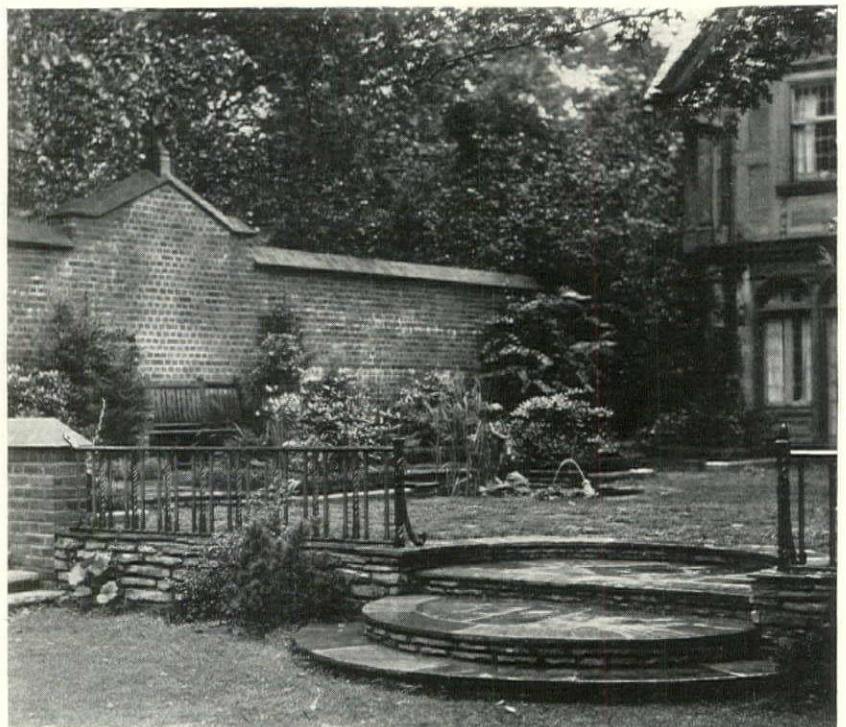
HYBRID TEA ROSES

- Etoile de Holland—Red. \$1
- Independence Day—Yellow. \$1
- Kaiserin Auguste Viktoria—Cream. \$1
- M. Edouard Herriot—Coral. \$1

(Continued on page 72)



The sweeping style in garden design





THE garden of S. M. Flickinger, at Buffalo, N. Y., presents an interesting study of broad, restful open spaces as applied to design. At top of opposite page is the main garden as seen from the sun-room. The plan shows the entire layout of the property

THE view at the top of this page is the reverse of the large one opposite and shows clearly the intimate relation of the lawn and garden to the house. It affords, too, an example of development of a garden on the axis of a suitable feature of the dwelling

AT THE left is the garden terrace which, by means of semicircular steps, connects freely with the main lawn. The landscape architect, Eric J. Reeves, has been particularly happy in his blending of these two essential component parts of the scheme

IN THE wall of the entrance court, directly opposite the front door, are the little fountain and basin shown in the center. The photograph at right, of the path on the breakfast room axis, indicates fencing and arbor separating garden and service areas



Italian Provincial commodes of the 18th Century · By Robert Carrère

THE "chest of drawers" in English, "commode" in French and more erroneously translated "bureau" was the new-comer to the world of furniture, in this period of the 18th Century. Introduced at the court of France under Louis XIV, the popularity of the commode spread so rapidly that by the end of his reign it had come to be an accepted and popular piece of furniture. Taking the place of the chest or *casone* used in conjunction with the wardrobe *armoire* or *guardaroba*, throughout the previous centuries, it soon displaced the former entirely. That "Necessity is the mother of invention" applies to furniture, as well as to all the arts and crafts is perfectly exemplified by this addition to the long list of furniture pieces then existing; that the mode of living,

clothes, manners, and customs of an age, are reflected in their surroundings cannot be denied.

Previously, in the Middle Ages, when the fashion of the day had dictated heavy robes of velvet, copiously trimmed with fur, in order to withstand the frigid temperature of stone-walled castles and houses, the wearing apparel had been confined chiefly to heavy, warm outer garments. These were easily disposed of, laid one on top of the other in great chests, without fear of crushing. As tapestries and wood paneling came into use, their assistance to the heat from the single fireplace in the principal rooms brought about the introduction of lighter clothes of silken brocades, and with these came the great hanging-cupboards. These latter occasionally had a drawer or two at the bottom for small accessories such as scarfs and shawls.

However, when life at the French Court revolutionized the ideas of comfort and luxury for the civilized world, the costumes again went through a fundamental change. With the adoption of thinner materials—taffetas, faille and satin—the number of the smaller articles of wear increased surprisingly. Thin linen and lace under-garments, silk stockings, velvet and satin ribbons, artificial flowers, cosmetics in hitherto unknown popularity, spread like wildfire; feathers, plumes, lace, buckles and endless trimmings were the order of the day. So the commode was born, with its drawer upon drawer, to store these treasures of greater or less degree.

Ponderous and clumsy at first, built of thick, heavy sections of wood, the drawers were small editions of the chests, sliding in and out of a rack frame, with closed sides and a top. They crudely conformed to the style of the day, but were distinctly utilitarian objects and were sparingly used. At the time of their inception the art of *pietra dura*, or the inlay of elaborate designs with semi-precious stones, had been developed to the greatest perfection that the world had ever seen, in the studios under the patronage of the Grand Dukes of Tuscany. The earliest commodes of Louis XIV's court were, therefore, in the prevailing fashion, exhibition pieces of this costly and much treasured art. Encrusted with stones, ivory, mother-of-pearl and built of exotic woods, they were distinctly importations from Italy and cataloged as *meuble de luxe*.

From this gorgeous ancestor, the commode or chest-of-drawers sprang, reaching its highest development in the next reign, that of Louis XV in France, and later in England under the influence of Sheraton and Adam. The over-ornamentation and elaborate piling on of decoration were translated, under the guidance of the ladies of Louis XV's court, into a taste based rather on elegance of form, attention to detail and choice of material that has never been surpassed. Boule, who developed the art of swelling curves, Caffieri with his masterpieces in bronze appliqué, the Martins with their lacquered chinoiserie, brought about the climax, and the commode in this



Top, above. Walnut commode, ivory inlay, Hepplewhite. Immediately above. Empire corner piece. At right, fine example of inlay on satinwood. R. H. Macy

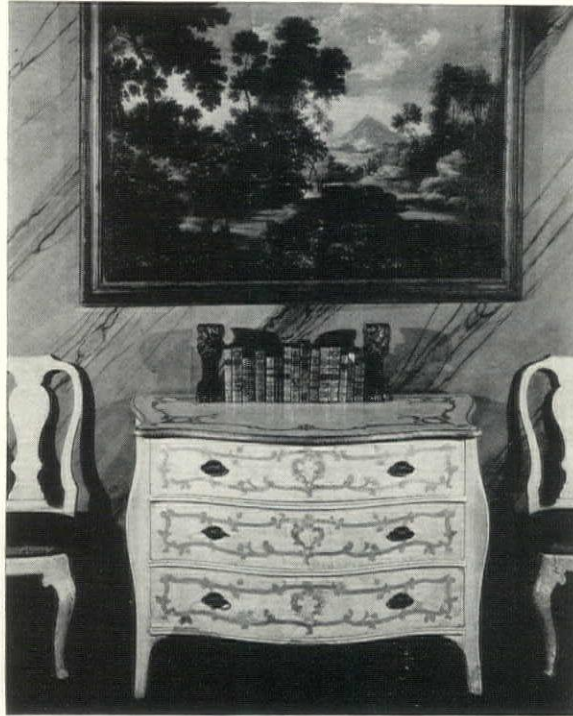
THE *commodini* at right are respectively: fruitwood, Louis XVI legs; walnut, Hepplewhite type inlay; fruitwood, black and white inlay. R. H. Macy



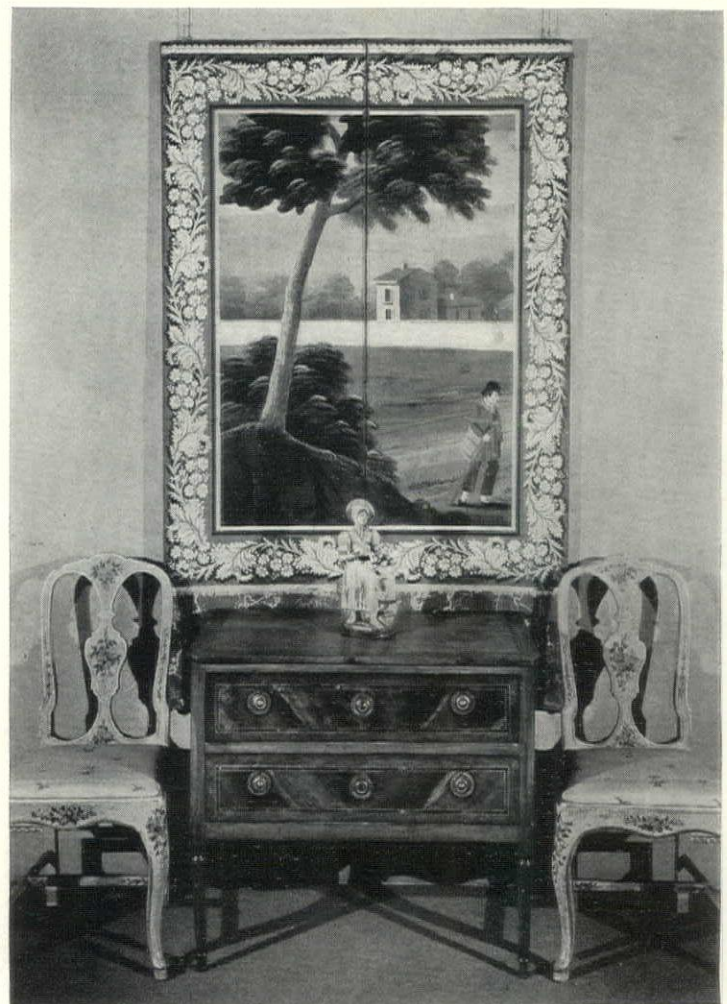
period rose to its apotheosis, Venice leading all others on Italian soil.

At the same time Chippendale and to a certain extent Hepplewhite kept their eyes on the French fashion, the former working in solid mahogany, with carving for ornament; the latter using hard woods for the frames and principal surfaces but adapting simplified inlay for enrichment. They brought about the perfection in construction that had been wanting in the Continental models. Drawers that slide easily, that are light to lift, and frames so joined and glued that they did not warp, crack, and finally split apart were the ultimate English contributions to the chest-of-drawers.

In Italy, examples of all the various phases of this period may be found. In Venice, Florence and Turin, centers of established court life, the pieces of this type of furniture compared more than favorably with the best in England and France. As to design, finish, either painted or inlaid, they copied well. In the metal work of mounts and appliques they were sadly inferior. The best examples of furniture can be found treasured in palaces, private collections of foreigners, and museums, that prove the Italians were ardent imitators of the Northern fashions and taste but their artists and artisans in the world of the metal crafts had gone the way of painting and sculpture. Like Michelangelo and Raphael, in the world of architecture and painting, Benvenuto Cellini, who had (*Continued on page 84*)



AT THE left is a Venetian chest-of-drawers finished in antique white and decorated with engraved gold-leaf inlay and edging of top. The shell handles are especially interesting as they are unusual in design and well executed. Courtesy of Lavezzo



THE Italian commode to the left is an elaborate type popular in Rome and Genoa. It is walnut handsomely inlaid in olive and fruit woods in geometrical foliated scrolls and garlands. Courtesy R. H. Macy

ABOVE. Italian chest-of-drawers in natural polished walnut, contrasting inlay. This piece is particularly noteworthy for its simplicity. It is in fine scale for modern apartments. Barton, Price & Willson

The Gardener's Calendar for October

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1. Why not have some fruit trees around your garden, preferably on the north side? Or perhaps you have room for a small orchard. There are three general types of fruit trees to select from: standard or full size, dwarf, and dwarf specimens which have been trained in espalier form.	2. All shallow rooting plants should be afforded the protection of a winter mulch of manure. This applies to Strawberries, Raspberries, Blackberries, and other small fruits. Such a mulch will protect from winter injury and also add plant food to the soil which will be helpful next season.	3. Start mulching Rhododendrons with leaves or manure. This is not only for the purpose of protecting the roots, but it will also furnish the plants with nourishment. The best kind of dead leaves to use are those from Oak trees, for they are acid in character as they decay.	4. This is an excellent time to put into execution any changes in your garden such as sod borders, dwarf hedges, trellises for fruit plants, changes in watering systems, etc. Growth is practically over for the season and consequently any plants involved can be properly moved.	5. Don't neglect to get Hyacinths and other early flowering types of bulbous plants boxed up or planted in pots preparatory to forcing them in the greenhouse. When planning for this don't forget that many of the fine modern Daffodil varieties are good for forcing purposes.	6. The planting of new trees may be attended to at this time. Fall plantings usually give better results than where work of this sort is done in spring, except with a few sorts, notably Dogwood and species of Birch. Deciduous shrubs may also be put in now, generally speaking.	7. Dig up and store all tender bulbous plants such as Gladiolus, Dahlias, etc. The Dahlias must be stored in sand or in boxes and kept in a cool, dark but not too dry cellar. One of the best packing materials for Dahlias is peat moss. Packing is not needed for Gladiolus corms.
8. Cauliflower just starting to head up should be lifted very carefully and placed in frames where it will mature properly. The plants may also be planted in tubs and put under cover. If they are left out in the garden the chances are they will be caught by cold weather.	9. Celery must be kept hilled. While doing this, hold the stalks together tightly with the hand to prevent dirt from getting down into the heart. Keep hilling from both sides of the row as the plants grow. Instead of hilling, boards and dead leaves may be used as covering.	10. Don't neglect successive sowing of the vegetable crops planted in the greenhouse or heated frames. Lettuce, Cauliflower, Spinach, Radishes and Beans require fortnightly seedling. The modern electrically heated frames are excellent for these out-of-season crops.	11. A few roots of Parsley, planted in pots and placed on the kitchen window-sill, will keep any ordinary family supplied all winter with an abundance of this valuable green. Besides their culinary usefulness, such plants have a decorative value not to be scorned.	12. What about some bulbs for house forcing to bloom about Christmas time, such as Paperwhites, Tulips and Trumpet Narcissus? This is the time to start them. It should not be forgotten that prices for first-class bulbs are low this fall, even for many of the finer new varieties.	13. If you have heated frames of any kind, why not use them for the forcing of quick maturing vegetables such as Radishes, Spinach, Beans, and other old favorites? Sometimes such frames can be heated by an extension added to the regular house piping system.	14. Carrots, Beets and other root crops should be gathered and after the tops are removed they can be stored in trenches out-of-doors or in a cool cellar or regular root house. When storing, the conditions to guard against are extremes of cold, heat, dryness and dampness.
15. Any changes in the flower borders should be made now as the different types of flowers may be easily determined at this time, even by the beginner. This is a favorable time to set out new plants of practically all perennials except those that bloom in fall, which need spring planting.	16. Stop feeding the greenhouse Chrysanthemums just as soon as the buds show color. It is a good practice to shade the greenhouse slightly in order that development may be normal. Outdoor Chrysanthemums may be protected from frost on cold nights with cloth screens.	17. Don't forget to plant a few of the more hardy types of Narcissus in some secluded corner of the grounds where they may go on naturalizing and spreading by themselves year after year. American grown bulbs are now of excellent quality and can be bought in wide variety.	18. This is an excellent time to destroy any aphids which may be on the White Pines and other evergreens. Spray all the trees thoroughly with strong tobacco and soap mixture. Don't think that the conifers are trouble-proof; they have their own special insect and disease enemies.	19. When husking Corn any exceptionally fine ears should be set aside and saved for seed next year. The ears should be hung up in some dry place where they will be safe from rats and mice. By such selection year after year you may build up a superior strain of your own.	20. Don't neglect to mulch, with manure or any loose material, all evergreens that have been transplanted during the current year. The results will well repay you. Before applying the mulch, soak the ground with water to a depth of two or three feet, especially if the season is dry.	21. Potatoes and other root crops stored in the cellar should be looked over occasionally to prevent damage by decay. Remove all decayed or soft tubers at once, lest the trouble spread to other sound ones. It doesn't take long for damage of this sort to develop if neglected.
22. After the foliage falls all fruit trees and other deciduous trees subject to the attacks of scale should be sprayed with any of the standard soluble oil mixtures. These remedies should be used at "dormant strength," for there is now no new young growth to be injured.	23. Hydrangeas, Bay trees and other decorative plants in tubs and boxes should be stored away for the winter in a good cellar which is not too warm and is fairly light. If the storage conditions are kept right for them they will carry over perfectly until next spring.	24. Start now to collect all the old leaves from the shade trees, bringing them to one point. Do not ever burn them because, when rotted, they are one of the best fertilizing materials. Poultry wire and branches spread over the pile will keep the leaves from blowing away.	25. Shut off and drain all irrigating systems and other exposed plumbing pipes and empty concrete pools, etc. at this time. All faucets should be left open throughout the winter. Failure to take these precautions before the first sharp freeze will lead to breakage trouble.	26. In case of a severe frost being threatened, it is wise to cover the flowers of outdoor Chrysanthemums with paper or other light material at night to carry them over safely. A light wooden scaffold to support the protecting substance is worth while on sizable plantings.	27. Arrangements should be made to protect the Roses for the winter, the best method being to do them up in straw overcoats. In addition to these, earth should be banked around the base of each of the plants to a height of several inches above the ground, especially in severe climates.	28. Don't fail to make arrangements to pick the Apples, Pears and other tree fruits and store them properly. The best method is to wrap each fruit separately in tissue paper, storing them carefully in boxes. Any that are bruised or spotted should be discarded, of course.
29. Hay thrown over tender garden crops such as Eggplant, Peppers, Lettuce, will protect them from damage by light frosts. It must be removed during the day. Taking precautions like these on two or three chilly nights may mean that you will get a couple of weeks' more yield.	30. The first few days in the house are the critical period for indoor plants. Use great care in watering and be sure to keep the foliage sprayed lest the plant dry up too quickly. There is a lot of difference between outdoor and indoor conditions, which must be considered.	31. Flower beds composed of tender plants can be made to last longer by a slight covering to protect them from frost. An old sheet with a few supports will do. Do not put it in place until evening, and be sure that you remove it when the sun is fairly up next morning.	<p>○ Full, 3rd day, evening, E.</p> <p>☾ Last Quar., 11th day, morning, W.</p> <p>● New, 19th day, morning, E.</p> <p>☽ 1st Quar., 25th day, evening, E.</p>			<p>First Week: Midsummer weather.</p> <p>Second Week: Cool nights, much fog.</p> <p>Third Week: Clear, pleasant.</p> <p>Fourth Week: Dry and warm.</p>

Old Doc Lemmon comments on longevity

"I don't rightly know for sartin, but when I looks 'round at the folks here in the back country an' see how tarnation old lots of 'em gits to be I can't help thinkin' that the kind o' life we lead hes a hull lot to do with it. An' when I says 'life,' I means all the things thet make up life, like eight hours' sleep an' huckleberry pie an' applejack an' hayin' an' plug tobacco an' milkin' the cows twicet a day. O' course, there's a long line o' good sound American stock back of us old squirts, too, an' thet helps a lot.

"There's Lem Deering, now, over on the Sandisfield Hill Road. Ninety year old if he's a day, an' still chipper as a sparrer in a hen-yard. There ain't nobuddy hereabouts thet can load a hay wagon as good as Lem, an' he's still the champion skunk hunter o' these parts same as he's been since the year after he come back from Gettysburg with four fingers shot off'n his right hand. It's a hull eddication in itself to see him

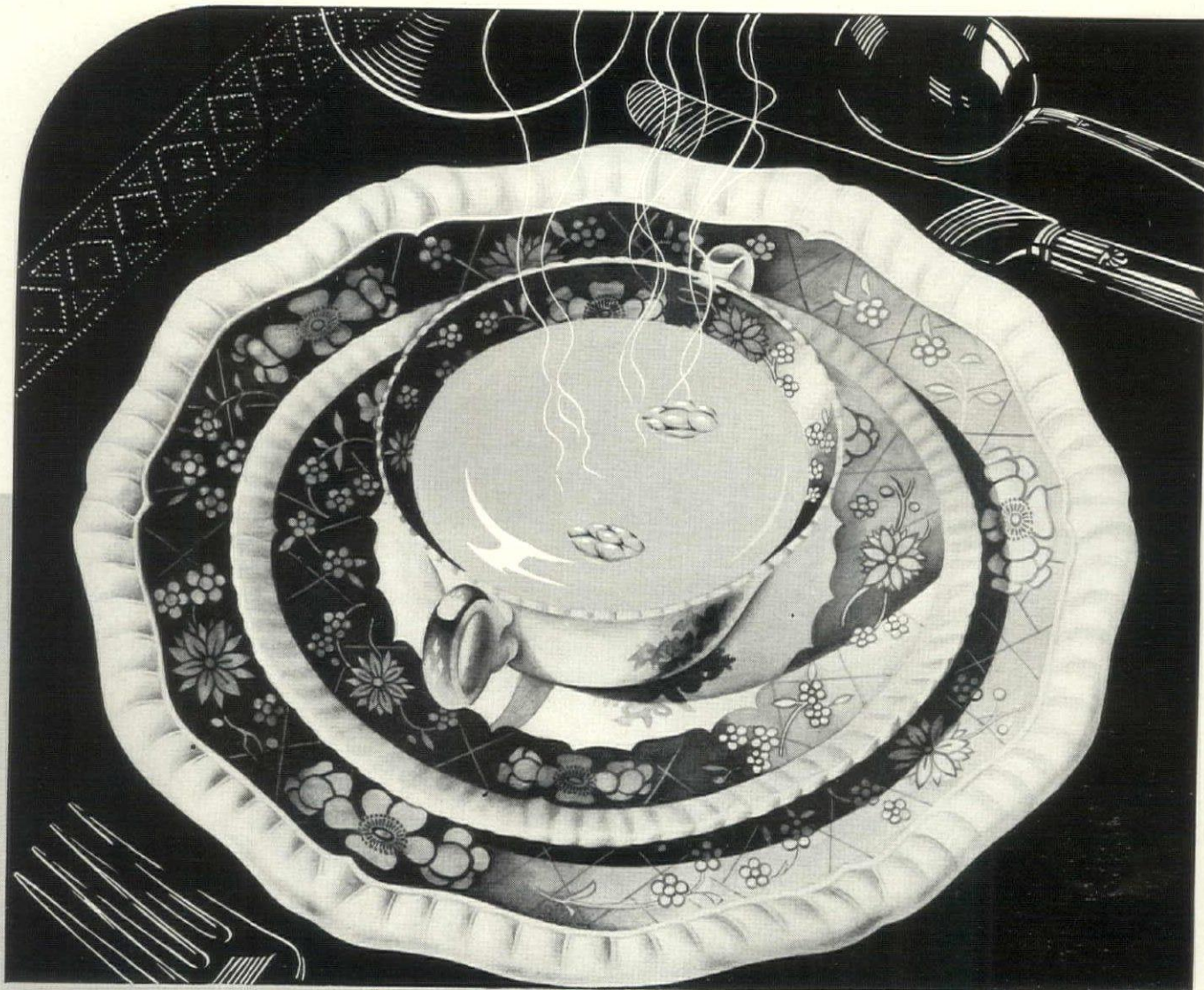
up on a ladder pickin' cherries or layin' down the law on politics in front o' the post-office. Lem's chawed an' smoked since he was twelve year old, an' h'ain't missed his swig o' lickier in seventy-five year, 'ceptin' Sundays. But he ain't never worked a day in no office nor gone to a theayter nor done none o' them things thet cut a man down afore his time.

"Jed Barlett's another old-timer—him an' Lem allus teamed up as boys, an' they still whoop it up purty lively when they git together at straw-b'ry festivals an' the like o' thet. He's nigh as short an' spindly as Lem is big an' bony, but ye'd ought to see him pitch hoss-shoes! Allus a great hand for sportin', Jed Barlett—there ain't a boy in the county thet can shake a foot as lively as him at a barn dance right now. Two rattlesnakes bit him to oncet in the seat o' the pants when he was nigh eighty year old, an' last fall he slipped off'n Blasted Pine Ledge when

he was diggin' out a fox an' busted his hip. But it takes more'n things like them to put a crimp in a man thet's lived a sensible life like his'n.

"There's a-plenty others I could name, but I h'ain't got time for only one more, an' she's a woman—Mis' Henrietty Booth, whose husband Jawn passed away at the age o' ninety-seven from bein' gored by a bull he was puttin' the fear o' God into. I ain't rightly sure how old Henrietty is—she's kind o' touchy 'bout it, an' won't say nothin' only 'over twenty-one' if ye ask her—but the fust of her nine children's well past seventy, so she can't be no spring chicken. Anyway, she don't wear specs only for readin', an' when Doc Holsapple pulled her through pneumony winter afore last he 'lowed he'd never see'd nobuddy with stronger heart an' lungs.

"Yep, I guess we live long 'cause o' the life we lead—wholesome an' never runnin' into no dangers. Y'ought to come up an' try it, some time!"



ASPARAGUS SOUP

from the famed Campbell's kitchens!

THAT lush and succulent temptation of early spring, asparagus, makes a soup that deserves a place on every table. Rightly blended from choice asparagus—as Campbell's is—it possesses its own distinctive charm and flavor. And of course such a soup abounds in nutriment and healthfulness. So if you enjoy asparagus—and who does not?—here is a soup exactly to your liking. Only such asparagus is used as you would be proud to serve on your own table. Blended in smooth, rich purée with golden creamery butter, and garnished with tempting asparagus tips. It's a soup to delight an epicure. Richer still served as Cream of Asparagus, simply by adding milk as the label directs.

21 kinds to choose from . . .

Asparagus
Bean
Beef
Bouillon
Celery
Chicken
Chicken-Gumbo
Clam Chowder
Consommé
Julienne
Mock Turtle
Mulligatawny
Mutton
Ox Tail
Pea
Pepper Pot
Printanier
Tomato
Tomato-Okra
Vegetable
Vegetable-Beef
Vermicelli-Tomato

10 cents a can

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RED-AND-WHITE LABEL



EAT SOUP AND KEEP WELL

MEAL-PLANNING IS EASIER WITH DAILY CHOICES FROM CAMPBELL'S 21 SOUPS

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when you have guests, have



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CHOCOLATES



The SAMPLER

America's best-known, best-liked box of candy... every piece a favorite. 17oz. Sampler, \$1.50... also in 2, 3, 5 lb. sizes.



The FAIRHILL

America's outstanding dollar box of candy. Priced for the home, packaged for a gift. 1 lb. \$1—also 50c and \$2 sizes.



EVERY hostess knows that candy is an important "accessory" to gracious, delightful hospitality. At the bridge table... in the lull during conversation... notice how Whitman's Chocolates are enthusiastically welcomed by everyone.

For in candy the first choice is Whitman's... it has been so for 91 years. There is purity... flavor... freshness... to Whitman's Chocolates that satisfies, as nothing else can, the natural hunger for good candy.

And in Whitman's there is an assortment to delight every candy lover... every piece a candy favorite... and every piece the most delicious of its kind.

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Whitman's Agencies
are at your service!

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HARRY T. HEALY

TREE health is not to be taken as a matter of course; often it depends upon frequent intelligent attention and labor. Its maintenance is well evidenced on the grounds of Edgar W. Bassick, Bridgeport, Conn. Marian C. Coffin, landscape architect

To make your trees succeed

IN A great many ways trees are like humans. They grow from infants or seedlings to maturity, they breathe and digest their food and they reproduce their kind. In the wild, they exist or thrive according to the natural law of survival, while in cultivation they respond readily to careful treatment. This is just as true of ornamental trees as it is of those grown for other purposes, and the best of care given them is of equal importance, especially when they are planted around our homes.

Care, however, is not the only consideration. Since trees are as individually different as people, they sometimes inherit or acquire certain undesirable characteristics which are difficult to overcome. Therefore, in selecting trees their quality must also be taken into account. Soil and drainage conditions at the planting site must not be overlooked and after planting the trees must be nursed and trained as children if they are to produce the most desirable adults.

These factors, however, have not always been considered. In traveling over the countryside or through our cities today, we find few homes without at least one tree planted for shade or ornament. The average of these may be receiving ordinary care, although more often they are somewhat neglected. They may have been selected without knowledge of proper quality and planted with little thought to soil conditions. They may also have been secured from nurseries but more often they have been dug from the woods or fields when very small. They have

survived and they may be serving their various purposes well.

The question then arises as to the necessity for considering so many details when only a tree is to be planted. It will probably do just as well if less trouble is taken. Our parents and grandparents grew to be strong and healthy men and women, and in those days the knowledge of medical science was far less than at present. Doctors are now required for purposes previously unknown. The reason is similar in both instances. Changed conditions, changed environment, and changed methods of living bring with them changed constitutions and new weaknesses. Also, because of the constantly improving results of research, more is found necessary to be done and better methods have been devised to remove defects and to produce a better quality of trees as well as humans. New principles and practices which are an improvement over the old are therefore continuously coming into use.

It has often been said that we cannot improve upon Nature. This is a broad assertion and one that is not always true. It may be difficult to make more attractive the general appearance of a natural landscape, but the appearance and usefulness of plants as individuals have been greatly improved during recent years. Practically all our modern farm crops and garden products, including fruit, vegetables and grain, are the result of developed plant species and careful cultivation. Many of our most beau-

(Continued on page 78)

ROYAL FERN has originality, as well as elegance. It is just one of the many distinctive Libbey designs, ranging in price (for a dozen goblets) from \$10 to \$2500



Libbey
CRYSTAL

This renaissance of splendid living deserves the glory of fine crystal

IN THE days when polite living was a matter of concern, Libbey provided beautiful crystal for the best homes in the land. Now that the pendulum of custom has swung back, and men and women find a new delight in gracious ways and things, Libbey resumes its leadership.

Our crystal is as beautiful as when your great-grandmother bought it. But it is executed in the gay modern designs, so exciting to this new generation, as well as in the traditional forms. There are only a handful of workmen in the world skilful enough to fashion crystal such as this.

You can see it now . . . on the tables of America's smartest hostesses, and in the shops. Crystal of great clarity and brilliance . . . in designs of grace and imagination . . . hand-blown, hand-cut, by masters of the craft. Glass to grace any setting!

Yet, beginning as it does at ten dollars a dozen, Libbey crystal is well within the reach of the modest income. The Libbey Glass Mfg. Co., Toledo, Ohio.

*This label, in blue and white,
identifies all Libbey crystal*





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A comprehensive Linen Trousseau comprising an assortment adequate for all occasions in your new home . . .

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from \$600

TABLE LINENS

- 2 17-piece Breakfast Sets, 8 Napkins, 8 Mats, 1 Scarf in each
- 3 Damask Cloths, 2 x 2½ yards, and 2 dozen Napkins
- 1 Damask Cloth, 2 x 2½ yards, and 1 dozen Napkins
- 1 Silk Cloth, 2 x 3 yards, and 1 dozen Napkins

BED LINENS

- 1 dozen Maison Percale Sheets, 72 x 108 inches
- 1 dozen Maison Percale Pillow Cases
- 1 set of 2 Sheets and 2 Cases with colored hems
- 1 Embroidered Set of 2 Sheets and 2 Cases

BEDDING

- 2 pairs of Blankets
- 2 Comfortables—2 Spreads

BATH ROOM

- 1 dozen Guest Towels, white
- 1 dozen Guest Towels, colored
- 2 dozen Hand Towels, white
- 1 dozen Hand Towels, colored
- 1 dozen Wash Cloths
- 1 dozen Bath Towels
- 2 Bath Mats
- 1 Bath Set of 9 pieces—2 Guest Towels, 2 Hand Towels, 2 Bath Towels, 2 Wash Cloths, 1 Mat, in Chenille

KITCHEN

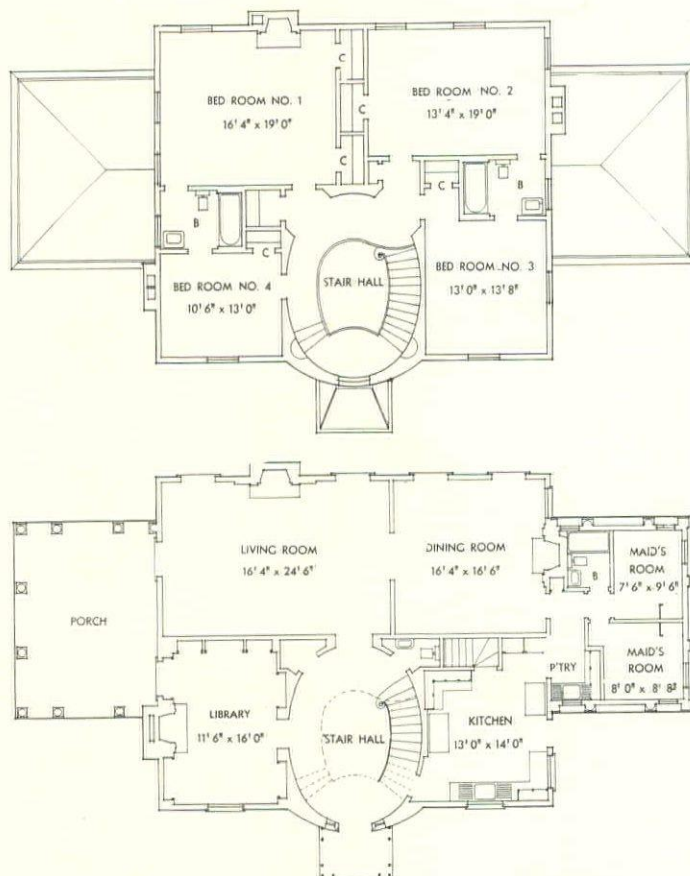
- 1 dozen Kitchen Towels
- 1 dozen Glass Towels
- 1 box Scrub Cloths

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EXCEPTIONAL VALUES IN BRIDAL VEILS, LINGERIE,
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THE disposition of rooms, their sizes and proportions will be found in the plans above. All requirements of service, including maids' bedrooms are taken care of on the first floor, leaving the upper story free for master bedrooms, of which there are four, one with fireplace. Between bedrooms number 1 and 4 is a bath, and, similarly, between numbers 2 and 3. Each bedroom is well proportioned and without inconvenient "breaks" or angles

A Fifth Avenue country house

(CONTINUED FROM PAGE 29)

bookcase is placed a half-round mirror-back console. A loveseat is in a blue and gold cotton fabric.

Out through the hallway once more, we reach the living room. Washed pine forms the dado, woodwork and pilasters. With this are walls covered with Chinese panels on a silver ground, excepting the space above the fireplace which has a water-white mirror. The fireplace below it is black and white slate. And around this fireplace is a square furniture group consisting of a tailored loveseat on one side and two chairs on the other covered with an off-white chenille fabric. Between these is a coffee table. Against the farther wall stand balancing black and red lacquer commodes. In the alcove between these commodes is a game group—a round Regency bridge table with four red lacquer Chippendale chairs. Other furniture pieces are a Chippendale sofa in green damask, mahogany coffee table and small end tables. Lampshades and accessories are white. The windows have silver Venetian blinds with green tapes. The glass curtains in the game alcove are silver gauze and the over-curtains are green damask hung straight to the floor. This floor is stained a dark brown oak, a solid foundation for an Oriental rug in pastel shades.

Modern Regency is the style chosen for the dining room, and it is interesting to observe the various elements that

go to make this effect—walls covered with white mica paper and wood trim painted white. Above the white mantel the space is recessed in a curve and painted black, to accommodate a white Grecian urn. Long pilasters of water-white mirror flank this setting and the same kind of mirror forms the frieze around the room. The curtains are white silk with horizontal bands of green and black across the bottom. Above these are green silk valances hung from black cornice boxes and looped through rings of lions' heads. The floor is black and white linoleum. In this classical setting is placed the Regency furniture, a group of black, gold and mahogany, the chairs being covered in white leather. A mirror screen shuts off the service door.

A master group upstairs consists of bedroom, bath and boudoir executed in a style reminiscent of 18th Century Italy. The bath, for example, has walls marbled in yellow and raw Sienna. In the bath recess the covering is gold decorated mirror glass. With these go green window and shower curtains and a floor of dark green and black linoleum.

The boudoir has gray-green walls and door decorated in a simple 18th Century Italian style. The curtains of both the dressing table recess and at the windows are green, gold and dull red striped taffeta, and there is gold

(Continued on page 32)



Fully described in this issue of House & Garden Magazine

SLOANE'S HOUSE OF YEARS . . .

*Made
from the Beauty of the
Past for Today . . . for
countless years to come*

We have built this complete house in our Fifth Avenue Shop in full size to present to our customers and friends the latest and best in home furnishings and decorations by Sloane.

Here, under actual home conditions, you may see how modern artistry and craftsmanship have created from the Beauty of the Past, furniture that will become the priceless heirlooms of the Future.

To you who are planning a new home or re-furnishing an old one, this House of Years will be an inspiration that wisely will guide your purchases. The House of Years is open for your inspection during store hours. Duplicates of the rooms have been built in our Washington Store.

Come, as you would to the house of a friend, with the assurance of a cordial welcome.

**W. & J. SLOANE, 575 FIFTH AVENUE, NEW YORK CITY
711 TWELFTH STREET, WASHINGTON, D. C.**

Strahan

WALLPAPERS



A new drapery border, #7141, that harmonizes with the treatment of the windows. Used here in combination with #R 6871-E—giving the room an ivory background.

John Ruskin Is Right!

The world's greatest art, you remember from your Ruskin, has all been designed to be affixed to walls. America is fortunate in having a designer of wallpaper who takes this message seriously. When you buy Thomas Strahan Wallpaper, you get something as carefully composed and colored as any painting.

At but small expense (because most wallpaper is the product of a printing press) you transform a tiresome room, making it fresh and beautiful—you give your furniture, rugs, curtains and pictures a lovely background.

The one point necessary to remember is to ask to see Thomas Strahan Wallpaper. It costs very little. But how much it does!

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Fresh light on growing better Aconites

(CONTINUED FROM PAGE 49)

of these ever receive enough nourishment to produce perfect plants. After a few years Aconites must be thinned out to provide for growth of the remaining plants. This should be done in the fall.

The vegetative multiplication just mentioned is used by the nurseryman in propagating many of the Aconites found on the market. One sees that the old tuber is without roots and to a large degree is dependent upon the absorbing roots of the daughter tubers for its water supply. The old tuber is richly stored with reserve food which at the time of flowering is practically used up. The two new tubers are now filled with reserve food for the coming spring. Note the prominent buds all ready to burst forth after their normal resting period.

AFTER FLOWERING

Let us follow the events of this plant for the next few weeks. The flowering is over and seeds are set abundantly. They ripen in thirty days after flowering. If the plant is left undisturbed, the portion above ground dies and in the next few days the two arm-like structures, which are attached to the stem, wither away and the old tuber rots leaving the two new tubers for the following year. These tubers are the dormant plants that you buy.

The first warm day of winter will give the Aconites the urge to grow and if the weather is mild for a few days the first rosette of leaves breaks through the soil. This is cleverly done. The petiole of the leaf pushes up through the dirt and thus protects the leaf-blade. A snow storm may come and with most plants your worries would just be starting, but you can forget the Aconites for they will survive the snow and ice. Have your plants already in the ground so that they can get an early start. This is the secret of Aconite culture. They can be transplanted when the ground is actually frozen.

But how do the daughter tubers arise? After the first few leaves are above the ground the tuberization starts. You have noticed little buds in the axils of leaves growing on a plant. So also are there tiny buds in the scale-like leaves of the bud in the Aconite tuber. These buds were laid down prior to the time that the tuber became dormant in the fall. They become the daughter tubers, growing out laterally for a short distance and sending down roots while the stem-like upper portion expands. This expanded upper portion becomes filled with reserve food, and at the time of flowering is in the mature condition shown in the illustration.

If tubers are planted in the spring, they must be held back until the ground can be worked. Many Aconites are several inches in the air at that time. The delicate buds giving rise to the daughter tubers dry out, become injured, and as a result there are no plants the following year.

The root system of the plant is too extensive to be shown completely. It reaches down and laterally to a distance of one foot. When preparing your bed see that the ground is dug down and loosened up for at least a foot. Leaf mold can be mixed with the soil if desired. Plant the tuber with the tip of the bud at least one inch from the

surface of the level ground and press the dirt firmly around the tuber. This precaution will prevent heaving of the soil. Mulches may be used if desired but should only be put on when the ground is firmly frozen and must be removed very early in the spring. Since frost does not hurt the early leaves, protection is seldom needed in the average garden, although it might be necessary in large scale production. Select your plants in the fall. Buy clumps if possible. Pay the higher price and get the two or three tubers.

The illustration of tuberization affords an excellent opportunity to see just how great the root system of a plant may become. This was an experiment to determine just what effect the depth of planting would have. In one case the plant produced the tubers far up the stem in an endeavor to equalize the depth from the soil line, while the other plant merely tried to shove the tuber up a bit. These plants are as yet unnamed. They bloom after the *napellus* group and help bridge the continuous period of blooming. They promise much. A height of eight or ten feet is common. They like to climb and will even twine around shrubs.

Seedlings are rather difficult to handle without suitable beds. The seedling of *A. napellus grandiflorum*—the uppermost of the group of three photographs on page 49—is natural size and shows a very tiny plant compared to the tubers we have been discussing. The seeds were sown the previous fall. The small stem which is dormant throughout the winter may be seen in the illustration. Such a type produced a 5' plant the following year with over seventy-five flowers. It was in bloom for four weeks. It also produced two large sized daughter tubers.

The Aconites make excellent cut flowers, retaining their freshness for four or five days. The beauty of these as cut flowers seems to have been entirely overlooked by our gardeners.

FOR THE BORDER

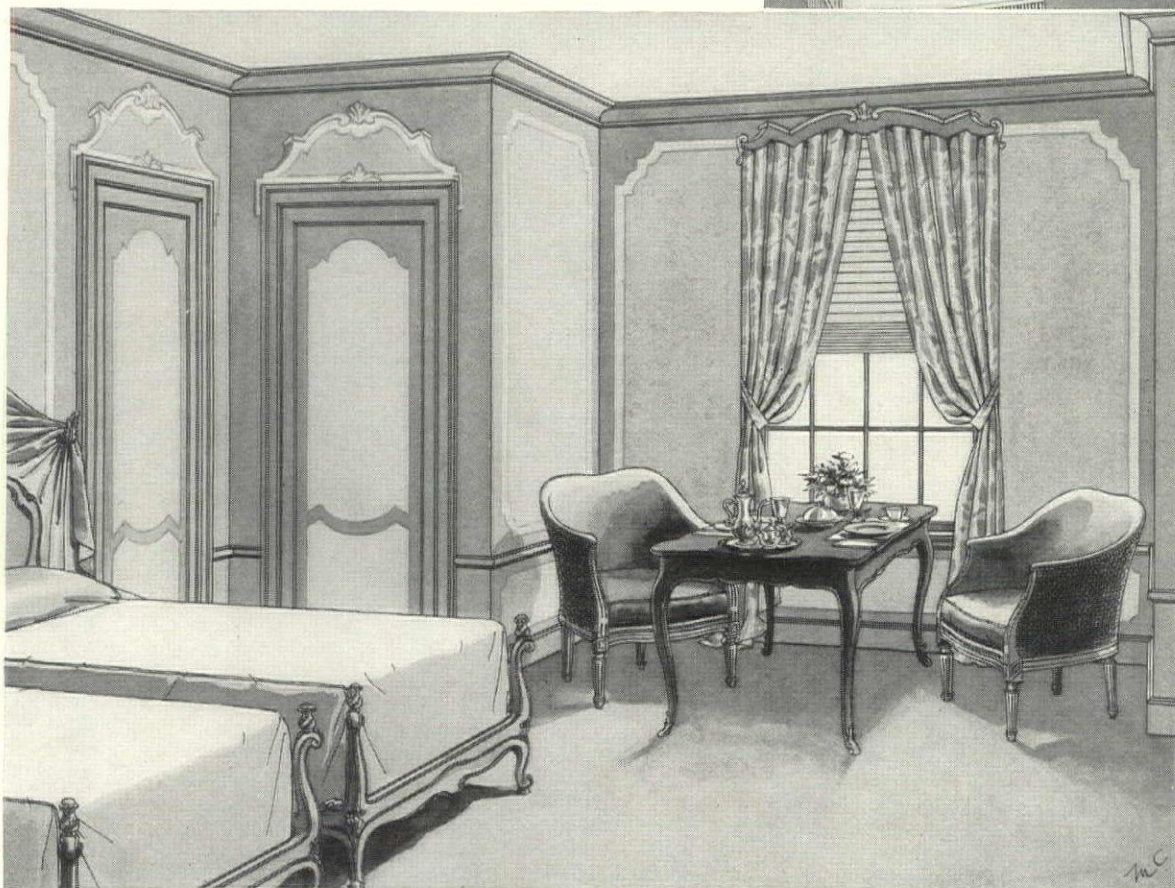
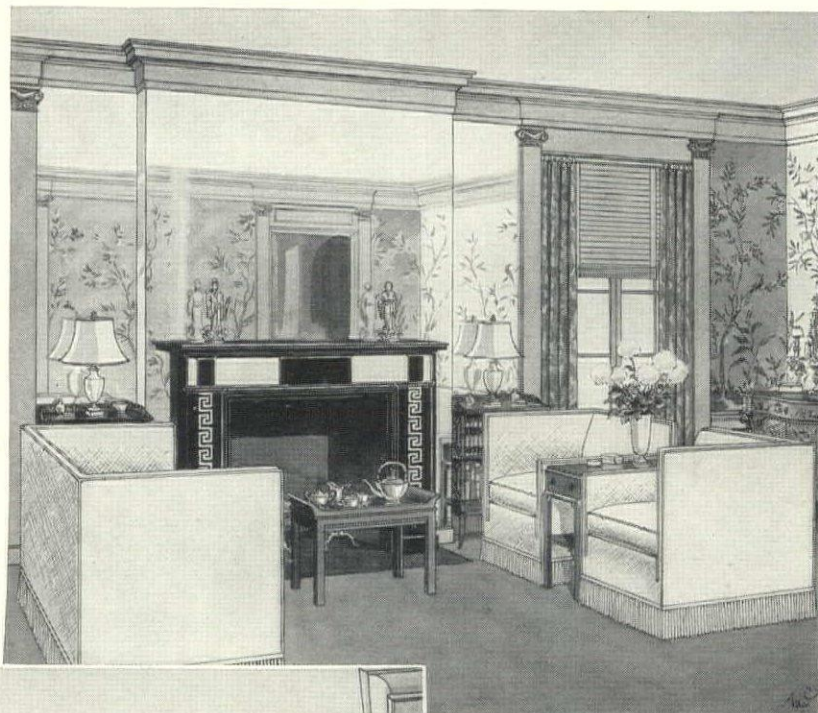
A. scaposum pyramidale is also a valuable border plant, having very pretty foliage and seldom reaching more than a foot in height. Its flowers are small and delicate. One strain of *A. napellus* gives an unusual fine white flower in long spikes. These are truly showy plants, and particularly when grown in groups with the Cardinal Flower (*Lobelia cardinalis*) make a fine display. *A. napellus roseum* has a delicate pink shade. The *Lycotomum* group is yellow and the color has been somewhat intensified by breeding. The blues of which there are many shades are the predominating color of the Aconites. With a little care in choosing the types a variety of color in our gardens may be prolonged for a period of five or six months.

The few types listed in our nursery catalogs will all produce fine flowers if a few simple precautions are taken. Plant in the fall, using clumps if possible, and see that abundant moisture is supplied. The new hybrids now being produced give evidence of even better Aconites than those now in cultivation. A single bed of Aconites will prove a source of continuous delight throughout the entire season.

These SCHUMACHER FABRICS Chosen by W. & J. SLOANE

for use in "Sloane's House of Years"
recently opened on the main floor of
the W. & J. Sloane store in New York
and also featured in their showrooms
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THE use of white in decoration harks back to the age of Pericles when Athenians of taste used white hangings, often with borders painted in metallic colors, at the entrances of their inner courts. During the present "modern classic" period, as in every other revival of the Greek influence, white plays an important part. . . . In this case the decorator uses gleaming silver paper on the walls of the living room as an effective foil for couch and chairs in a soft, white low-piled fabric by F. Schumacher & Co.



Who ever heard of a breakfast table in a bedroom? A startlingly new idea, perhaps, but practical, modern and comfortable—providing all the luxury of breakfast-in-bed without the crumbs! . . . For the window of the alcove the decorator has chosen draperies of a delightful egg-shell damask in a calla lily design. This departure from classic or conventional motifs in a damask is as novel an idea in fabric design as the bedroom breakfast-alcove is in architecture!—The 50" silk damask is by F. Schumacher & Co.



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is "all the rage" these days



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In the kitchen at Sloane's "House of Years," you'll see a full outfit of Rome copper utensils. Also in our own French Provincial "Kitchen of Today." We've hung them out in full view where their rich copper tones add their own touch of character to the woodsy browns, greens, yellows and deep reds of this delightful kitchen.

JUST NOTE THE LOW PRICES

Upper left is a French Fryer with inset rack, for deep fat frying, 1.80. Below it, a low covered saucepan, 1.80. Upper right, 2 qt. double boiler, 3.60. Lower right, lipped saucepans, 1 qt., 1.10; 2 qt., 1.30; 3 qt., 1.50. Center, teakettle, 1.50.

Rome Ware deserves its vogue. It is beautiful, inexpensive and simply grand to cook in. Made of solid copper, lined with silvery chromium plate. It doesn't rust. It doesn't corrode. Its corners are rounded for easy cleaning. It heats quickly and evenly, cooks food to utter deliciousness. Then, of course, Rome Copper is so decorative in itself that you can hang up these pots and pans in the open, thus giving your kitchens a most distinctive air. And with it all, Rome Ware is surprisingly inexpensive.

LEWIS & CONGER

NEW YORK'S LEADING HOUSEWARES STORE

45th St. & Sixth Ave., New York

Vanderbilt 3-0571

South African plants

(CONTINUED FROM PAGE 45)

Aloes and require the same treatment. *H. margaritifera* with broad rosettes of leaves mottled white. Flowers brownish cream, small and dainty. *H. cymbiformis* with soft green translucent leaves and delicate cream-colored flowers.

Euphorbias are Cactus-like plants of many strange forms. *E. caput-Medusae*: branched rosette of green stems with terminal white flowers. *E. meloformis*: very interesting and rare, queer Melon-shaped plant with spiny ridges. Many others of curious growth may be obtained in this country.

Leaving the succulents, we find an interesting group in the Moraeas, which are worthy of a story all to themselves. They grow mostly from corms, a few from rootstocks. They are the African representatives of the Iris, which they resemble. They are of the easiest culture and will bloom in window or sun room. They will grow in the same pot for years without division. They need plenty of water. *M. iridioides* var. *Johnsonii*: white shading to light golden-yellow in center and with occasional touches of purple. *M. iridioides*: flat fan-like tufts of leaves; white-flowered, with gold blotch and purple standards. *M. glaucopsis*: outer segments white with a blue spot. *M. bicolor*: flowers 2" across, yellow with beautiful brown spots on the outer segments.

Scizostylis coccinea (hideous name) is the lovely Kaffir Lily, also called the Crimson Iris. It has rich crimson flowers. It is practically hardy in a free sandy soil but is a fine greenhouse plant. It blooms from October to December. The hybrid Mrs. Hegarty, the Pink Kaffir Lily, clear pink in color, is more useful for the garden as it blooms much earlier, from late August till the first frosts. It stands potting

well and is splendid as a cut flower.

Aristea, much prized in South Africa, has beautiful blue flowers on tall stems 2' to 6' in height. It is like *Moraea iridioides* but much larger. *A. capitata* has deep blue flowers. Stems 6'. *A. lucida*, Wedgwood blue, stems 2'. Reed-like foliage with flowers of intense colors.

The genus *Richardia* (*Zantedeschia*) comprises what we know as the Calla Lilies. The white one, *R. africana*, is called the Lily of the Nile, which is a good name except that it is not a Lily and is not from the Nile but from South Africa, where it is an unprized weed for all its beauty. They are easy to grow in pots and like plenty of humus or peat and old manure, with much moisture. Though in the West they are sometimes used for hedges, the East has not realized how well they can look thickly planted in a moist spot or by a pool. They cannot stand frost and must be taken up and dried off when cold weather approaches. There are several yellow *Richardias*, the species *elliottiana* being the most common. There is also a dwarf pink one, *R. rehmanni*, which is very charming.

Next month, I will tell of some of South Africa's most gorgeous flowers, the Nerines and the Crinum, the Ixias and the Babianas and others. I do not blame our neighbors of the veldt country for being very proud of their flowery hills and valleys!

Editors' Note: This is the first of two articles which Mrs. Coombs has written on outstanding South African plants which are amenable to pot culture in northern regions. The second, which will appear in the November number, completes the list of species which is here begun. The drawings used as illustrations are accurate renderings executed by Miss Florence McCurdy.

What ten dollars will buy

(CONTINUED FROM PAGE 59)

CLIMBING ROSES

Dr. Van Fleet—Pink. 75c
Silver Moon—White. 75c
American Pillar—Red and white. 75c
Paul's Scarlet—Scarlet. 75c

HYBRID PERPETUAL ROSES

Frau Karl Druschki—White. \$1
Magna Charta—Pink. \$1
Henry Nevard—Crimson. \$1

FLOWERING SHRUBS

Buddleia alternifolia—Woolly gray foliage, spikes of lilac-purple flowers. 3'-4', \$3.50
Cydonia japonica—White to scarlet. 2'-3', 90c
Forsythia spectabilis—Rich golden yellow. 3'-4', \$1
Hybiscus (*Althea*)—White to red. 2'-3', 60c
Kerria japonica—Yellow. 2'-3', 90c
Beautybush—Soft pink. 2', \$1.50
Mockorange (*coronarius*)—Pure white, fragrant. 5'-6', 90c
Spiraea prunifolia (*Bridalwreath*)—White. 75c
Viburnum dentatum—Creamy white. 2'-3', 75c

FLOWERING TREES

Japanese Cherry Beni-Higan—Single,

light pink. 2'-3', \$3

Chinese Flowering Crab (*Malus spectabilis*)—Coral red buds, pink flowers. 2'-3', \$1.35

Flowering Dogwood (*Cornus florida*)—White, showy. 2'-3', \$1.50

Paul's Hawthorn (*C. oxycantha splendens*)—Scarlet. 2'-3', \$3

Double Flowering Peach—Pink. Very showy. 2'-3', \$2

DARWIN TULIPS (10 OF EACH VARIETY)

Baronne de la Tonnaye—Rose. 50c
Bleu Aimable—Lavender. 60c
Clara Butt—Pink. 45c
Dream—Heliotrope. 50c
Euterpe—Lilac. 70c
Marconi—Purple. 65c
Nauticas—Rose. 70c
Pride of Haarlem—Carmine. 50c
Princess Elizabeth—Pink. 55c
Zulu—Purple black. 70c

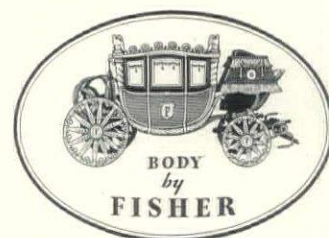
BREEDER TULIPS (10 OF EACH VARIETY)

Apricot—Apricot. 70c
Cardinal Manning—Wine red. 65c
Jaune d'Oeuf—Yellow. 65c
Louis XIV—Dark purple. 65c
Madame Lethierry—Strawberry and salmon. 75c
Prince Albert—Bronze. 75c
Salomon—Lilac. 80c



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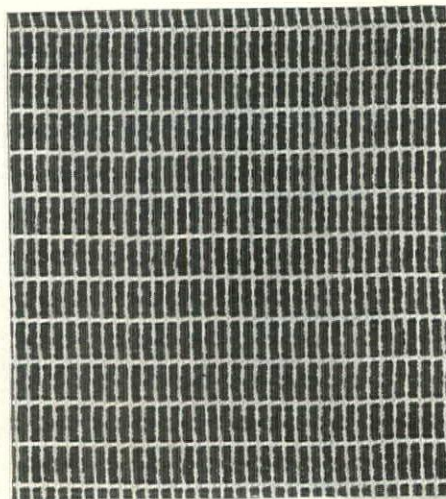
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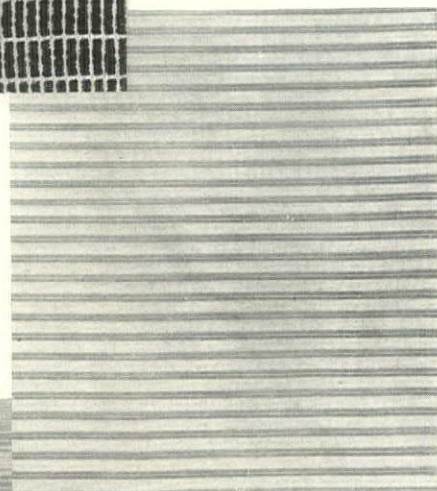
Some designing glass curtains



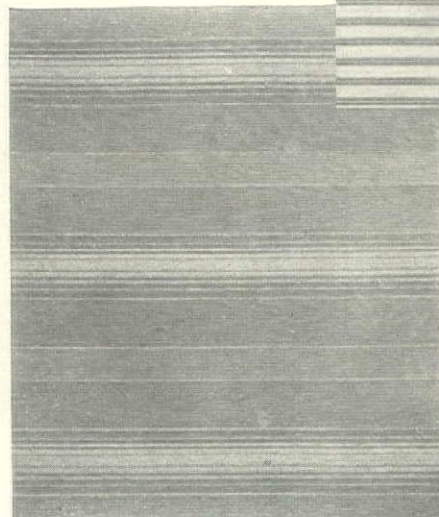
DANA B. MERRILL

GLASS curtain fabrics for fall stress pattern. An example at right. A combination rayon and cotton material horizontally striped in green and white. By F. Schumacher & Co, Lord & Taylor

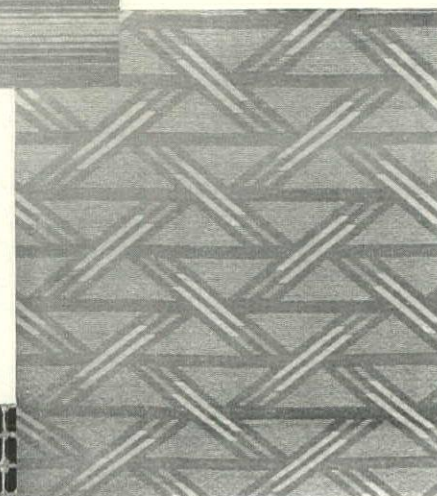
WIDE of mesh and coarse in texture, the simple net at the left personifies a new trend and suggests an excellent treatment for the windows of a man's room. Quaker Lace Co. Stern's



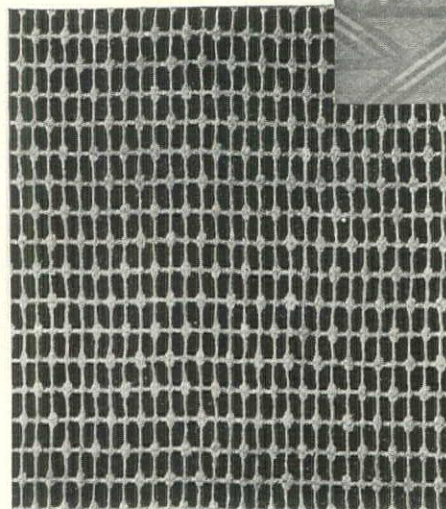
Left. An interesting striped marquisette done in natural and gold-colored Viscose yarn with rattiné stripes in gold, rust or green. Crown-Tested Quality fabric made by Queen Valley Fabrics, Inc. From Lord & Taylor



FROST-WHITE celanese brings winter, early, to the window-pane. As illustrated at the right, the simple, faintly visible, modern motif is woven in self-color. Celanese Corp. of America. Altman



AT THE left. Another of the open-meshed nets with a roughness of weave that gives an appearance of pattern. An effective complement to over-curtains of English Chintz. Made by the Scranton Lace Co. Macy



POINTED ANTIQUE
(RAISED MONOGRAM)

HEPPELWHITE

FRANCIS 1ST

ROMAINE

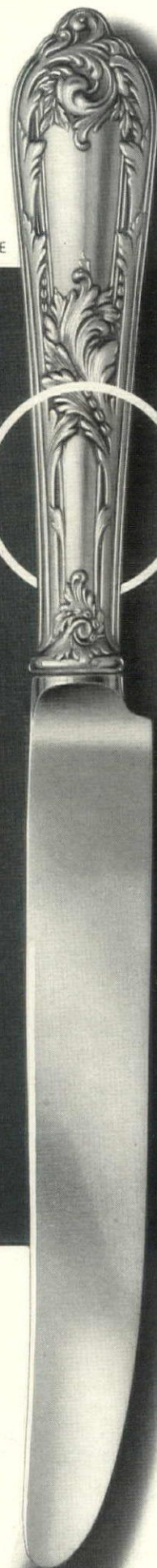


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First aid for perennial borders

(CONTINUED FROM PAGE 47)

may be worked into the soil as the renovation goes forward.

Here are a few suggestions that may easily be carried out:

A pleasant variation in our Tulip groupings may be made if the bulbs of the May-flowering varieties are interplanted with Camassias, or with the Spanish Bluebells, *Scilla campanulata*. Camassias come in tones of lavender, pale and deep, and in pure white. The star-flowered stalks top those of the Tulips. *Scilla campanulata* comes in tones of blue, rose and in pure white. It is not as tall as the Tulips and one looks down among the gorgeous cups to see the forest of belled spikes.

It is not wise to plant bulbs directly along the edges of the herbaceous borders, for however delightful the effect may be at the time of their blossoming there is always their untidy going off that offends the eye of the fastidious gardener. They may be planted thickly among the clumps of perennials so that their last state may be covered by a kindly veil of oncoming green.

The edge of a border, like the hem of a skirt, should be neat, though not necessarily even. Some persons like to edge their borders with long-blooming annuals, such as Sweet Alyssum. But for those who like a permanent edge here are three solutions: Alternating plants of white *Dianthus plumarius*, *Campanula carpatica* (both the blue and the white forms) and *Heuchera* in tones of pink and coral. Allow each plant about ten inches of space. This edging gives a very long period of bloom and harmonizes with anything that may occupy the space behind it. Edgings of *Nepeta mussini* and *Cerastium tomentosum* are also attractive; or of the *Nepeta* and *Dianthus plumarius*, preferably some white form, allowing one plant of *Nepeta* to five of the *Dianthus*. These last two combinations are attractive and seemly even when out of bloom for the soft gray foliage makes a nice setting for the bright flowers in the border.

AT THE TURNS

Another part of the border that requires careful planting is where it may make a sharp turn. Here one of the Funkias (*Hosta*), preferably *F. subcordata*, with frosted white flowers, or *F. sieboldiana*, with steel-blue leaves and blue flowers, is well placed with a grouping of *Gypsophila Bristol Fairy*, or *Geranium sanguineum album*, both of spreading habit and long-lasting gossamer beauty, behind. One of the large-leaved Saxifrages or *Aster Mauve Cushion* may be substituted for the Funkia. The one blooms very early in spring, the other very late, while the Funkia is intermediate, but all keep to the end of the season a tidy and seemly front.

Clumps of double-flowered Pyrethrums are beautiful in the early summer garden towards the front of the borders, and blocks of Sweet Williams always make a lovely show in the June garden. A good companion for either Newport Pink or Newport Scarlet Sweet William is the lavender-flowered *Erigeron Quakeress*. The plants of this should be supported by pieces of twiggy

brush inserted inconspicuously among the growths.

The blood-red Sweet William known as *nigricans*, that has blackish purple stems and leaves, will do wonders in subduing the raw color of that good perennial *Lychnis chalcedonica* if planted beside it. There is a light salmon-colored form of this *Lychnis* that I have used with nice effect next to Japanese Iris in lavender and purple tones. Certain of the herbaceous Spiraeas and Astilbes make good foils for Japanese Iris and enjoy the same dampish soil conditions.

A group of *Scabiosa japonica* with soft lavender flowers in front of the yellow-flowered *Aquilegia chrysantha* makes a fine near-front picture with a long season of bloom—June to August. If you have a planting of *Anchusa italica* that does not please you, interplant it with the old Garden Heliotrope, *Valeriana officinalis*, and set in front of it a mass of *Anthemis tinctoria*, either the bright yellow *kekwayi* or the pale E. C. Buxton. The *Anthemis* should be supported as was suggested for *Erigeron* so that the many branches may assume a natural pose. They should never be gathered together and fastened to a single stake.

LILIES AND OTHERS

Delphiniums have two time-honored companions—*Lilium candidum* and *Lilium croceum*. But they should also always have the charming foil of *Thalictrum flavum*, with its lovely gray leaves and puffs of pale yellow bloom. *Thermopsis* is good with Delphinium, especially for cutting, and *Campanula latifolia macrantha*, rich purple or pure white, though blossoming first, remains to make an interesting association with them.

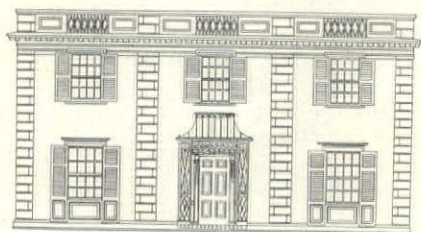
The beauty of Eryngiums and the white *Malva moschata alba* has often been noted. *Stokesia* has a long period of bloom towards the front of a sunny border and either the blue or the white form is good with a background of *Sidalcea*, white or rose, which will begin to flower first.

Campanula lactiflora follows the Delphiniums and makes a fine background planting for groups of late-flowering Hemerocallis and *Veronica spicata*. Another effective midsummer group is composed of the white Mullein, *Verbascum Miss Willmott*, the purple Loosestrife and in the foreground the white form of *Agrostema coronaria*, with its soft gray velvet leaves.

The Phlox masses usually require to be broken up with plants of other form, such as Globe Thistles (*Echinops*), Eryngiums, *Artemisia Silver King* and *A. lactiflora*, Lyme Grass (*Elymus*), *Veronica virginica* and *V. subsessilis*, Sea Lavender, the Funkias, and the white Gooseneck-flower, *Lysimachia clethroides*.

Hollyhocks are well companioned at the back of the border with *Bocconia cordata*, or the tall white Mullein, and in front of them may be a mass planting of Phlox Miss Lingard interplanted with the lovely pink and coral-colored forms of *Pentstemon barbatus* for earlier bloom, or of *Lavatera olbia* with *Galega hartlandi*; this last a pleasant

(Continued on page 88)



A HOUSE BECOMES A HOME . . .

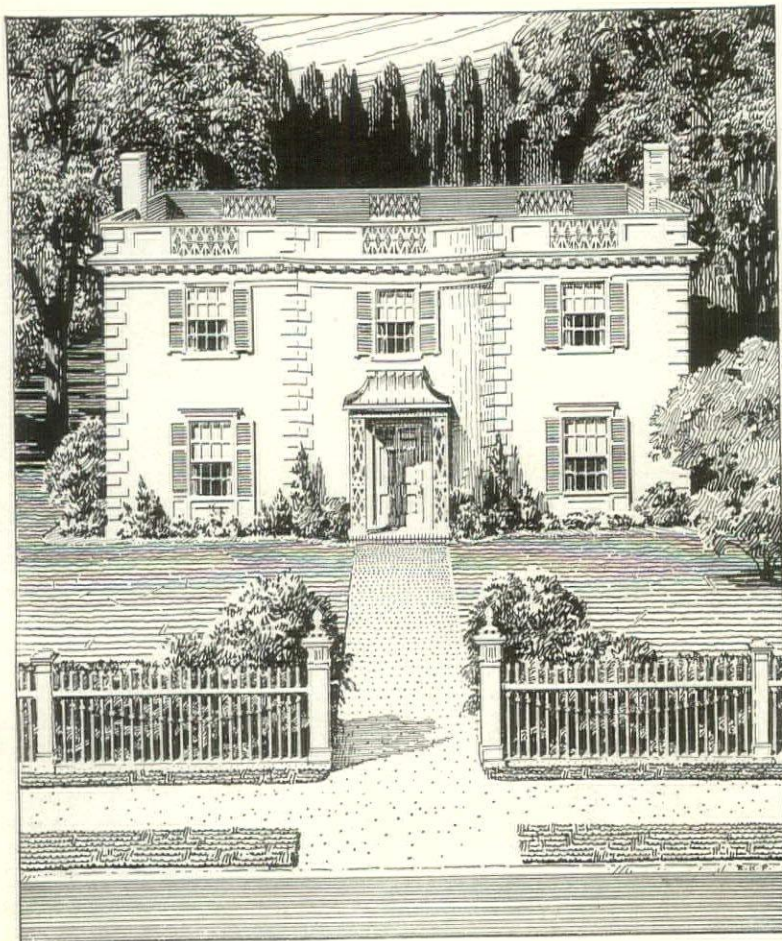
when to its hospitable walls we bring ourselves and our possessions . . . things new and things old . . . records of the years . . . high hopes for the future. To this establishing of homes and hearthstones and their continued enrichment it has long been our privilege to contribute beautiful and enduring pieces in sterling silver, which, in their design and craftsmanship, have an heritage of their own.

A GRACEFUL EXAMPLE OF THIS FIDELITY TO DESIGN AND EXCELLENCE IN EXECUTION CHARACTERISTIC OF OUR SILVER IS FOUND IN THE STUYVESANT TEA SERVICE NOW ON VIEW IN THE GEORGIAN HOUSE OF MESSRS. W. & J. SLOANE. WE CORDIALLY INVITE YOU TO VISIT OUR OWN ESTABLISHMENT AND INSPECT OUR COMPLETE LINE OF STERLING SILVER FLATWARE AND HOLLOWWARE.

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Architect's sketch of "The House of Years" built and decorated by W. & J. Sloane and featured in this issue of House & Garden. Architects, Henry O. Chapman, Jr. & Harold W. Beder, New York.

Painted with "Collopakes" Inside and Out

ON WINDOWS, shutters, trim, ornamental ironwork, walls and doors—inside and out—everywhere paint was needed in this model house, Cabot's Collopakes were used.

Collopakes are modern colloidal colors, made by a patented process. They mark a new era in painting, giving a beautiful and lasting finish to shingles, brick, stone, iron, wood or plaster. Their texture is finer, their color values richer. They are economical to use, because their great covering power makes fewer coats necessary, and because of their non-fading qualities and unusual durability.

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To make your trees succeed

(CONTINUED FROM PAGE 66)

tiful ornamental and flowering trees and shrubs have been produced in the same manner and perfect specimens of native trees cultivated from seedlings are not unusual. In view of this, the advantages to be gained by proper planting and care alone are well worth while.

The size of trees recommended for planting is in direct ratio to the pocketbook. What would be economical for one might be too expensive for another but for the average purchaser the sizes must be relatively small and they must also be varied with the species considered. Accordingly, then, for the average demand we may place the most economical sizes of a few common and representative trees as follows: American Elm, three inches; Norway Maple, three inches; Sugar Maple, two inches; Pin Oak, two and one-half inches; Red Oak, one and one-half inches; Oriental Plane, three inches.

The dimensions given refer to the trunk diameters as measured six inches above the ground. These sizes are considered most economical because the increase in cost per inch in diameter above the average sizes is far greater than the increase in cost per inch in diameter up to the average sizes. This is largely due to the rapidly accruing expense involved in digging and handling trees above the average sizes and to the comparatively constant or unchanging costs of the same operations for trees that are less than the average in size.

Larger trees, of course, are usually well worth their extra cost because they are a nearer approach to the ultimate size and appearance desired. Therefore, if the question of time is more important than that of cost, larger trees should be used. As the sizes are increased above the average, the element of risk is also gradually increased, since larger trees are less likely to survive than smaller ones. With proper care, however, this factor becomes less important.

The average sizes given vary according to species because some grow more rapidly than others and are easier to transplant. Those of slower growth do not adapt themselves as readily to new conditions and consequently their loss is greater. The percentage of loss in all cases decreases rapidly as smaller sizes are used. Therefore, in order to decrease the loss of slower growing trees to the equivalent of the more rapid growing ones, their sizes must be correspondingly reduced. In all cases, however, regardless of size there are many precautions which, if observed, would avoid a great deal of loss.

CONCERNING WILD TREES

The most common cause of failure is the planting of woods or field grown trees rather than those grown in nurseries. While it is admitted that trees from many nurseries are little better than the native types, yet if only competent nurserymen are dealt with the quality should be satisfactory.

In general, wild or uncultivated trees are not as satisfactory as those grown in nurseries because they have

not been properly trained to undergo transplanting nor to produce the most desirable specimens.

Children ordinarily receive their initial training at home and this is continued later in schools and colleges with the result that when they are ready to enter the business of making a living they are more or less mentally prepared. Physicians and surgeons endeavor to maintain people in a normal condition of health at all times. We cannot reason with trees and we cannot train them mentally, but much can be done for them physically. If trees could reason, talk, or move from place to place, they would be much more difficult to manage. As it is, we place them in the most favorable situation, prune them to the proper shapes, provide them with proper food and protect them from diseases and insect pests. We can also select the sizes and species desired.

In selecting trees we are interested in those of normal growth which are typical of their species and we desire the best guarantee possible that they will survive and be worthy of our admiration and use. The object of nurseries is to grow and train trees which will serve this purpose and the methods employed are the results of many years of experience and research.

ROOT CONDITION

Trees growing in the wild have never been cultivated and their roots spreading out in search of water and food extend at least as far from the trunk as the ends of the branches. The feeding roots or those which absorb plant food from the soil are near the ends of the main roots in order that they may receive the water as it is shed from the branches. The removal of all these roots with the tree at the time of digging is, in most cases, impractical and often entirely impossible because of their distance from the trunk. As a result, the most important life-giving roots are lost, the tops or branches demand more water than the remaining roots can supply and the trees die. Even though the tops be severely pruned, the loss will be great. Also, the tops of trees growing in the woods are tall with few side branches, a condition caused by an effort to reach the light in a crowded environment. When removed to the open such trees appear unbalanced, they have no typical or desirable form and the reshaping of the tops by pruning is difficult.

In contrast to native trees, those grown by competent nurserymen are spaced to permit proper top development and they are constantly cultivated. In the process of cultivation the roots are cut and made to grow within a limited area from the time the trees are seedlings until they are ready to be sold. In addition to cultivating, they are transplanted every two or three years. This also aids in confining the roots to a small area. As they are transplanted, the spacing between trees is increased to allow for the development of the tops and if the branching is not normal it is made so by proper pruning.

As the roots are cut in cultivating
(Continued on page 80)

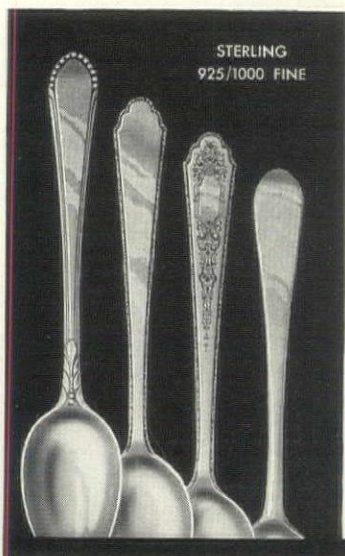


"THIS
IS THE
WAY
I FOUND
MY
SILVER"

The "American Directoire" pattern will be featured in the dining room of "The House of Years" in W. & J. Sloane's New York and Washington, D. C. stores during the entire month of November.



Shown below are four of the other Treasure patterns: Coronet, William and Mary, Mary II and Early American Style, Plain.



WISE young bride . . . to have sent for "The Modern Way to Choose Your Silver" before making her decision. This portfolio has helped so many women find exactly the tableware they wanted.

Say what you will, silver is the very soul of your dining service—china is replaced, linens wear out, silver alone endures. Be certain, therefore, that the design has true beauty, that the craftsmanship is perfect, that the quality is supreme.

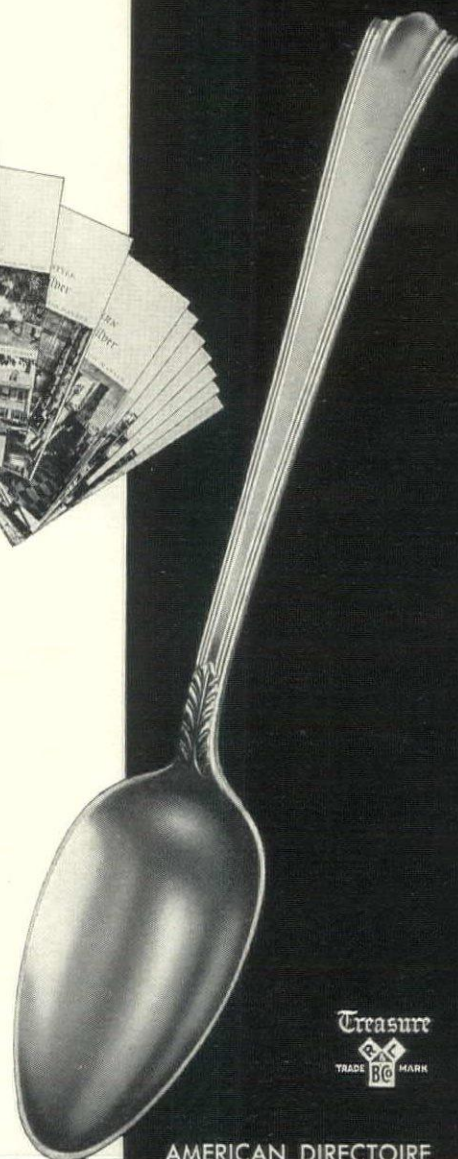
These days, too, another point must be considered. The design should be in the spirit of the room. This doesn't necessarily mean that there is just one "TREASURE" pattern for any one period—but it does mean that there is a *perfect* design for your own dining room—whether it be Early American, Georgian, Spanish, Modern . . . or anything else.

We hesitate to say that no one should choose silver without first sending for "The Modern Way to Choose your Silver." But, if you could see our files of letters from grateful people, you would probably feel that this is really the first step toward the buying of perfect tableware.



When writing for your copy of the portfolio please address Dept. B-14.

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Treasure
TRADE MARK
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AMERICAN DIRECTOIRE

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CRANE

To make your trees succeed

(CONTINUED FROM PAGE 78)

and transplanting, the small feeders are forced to develop on the remaining roots directly underneath the trunks. When a single tree is finally dug for the purchaser, a mass of fibrous roots is obtained with little effort which serves to support the tree in its new location. Largely because of this, the loss of nursery-grown trees is far less than that of the native types.

In securing trees from nurseries, only those which will survive the climate in which they are to be planted should be secured. As a general rule trees will survive in good form a reasonable change of latitude or longitude but not a great change of altitude.

The purchase of nursery stock, however, is not positive insurance against loss. Sometimes trees die from unexplainable reasons when given the best of care, but more often the cause can be traced to neglect if they were healthy before being transplanted. This is especially true with regard to the roots.

The fibrous roots are most important and when they cease to function the tree dies. These roots are tender and are easily killed when exposed to drying winds for only a few minutes. The greatest loss by far of newly planted nursery stock is due to improper handling which allows the roots to be killed by drying. Many trees are really dead before they are planted and they only put out their first leaves from the stored food in the branches and buds. This accounts for so many trees leafing out in the spring and then suddenly dying in the early summer.

How often have we noticed cars returning from nurseries or from the country with trees tied to the running-boards or fenders and with the roots exposed. In nine cases out of ten such trees are dead before they reach their destination.

CARE OF ROOTS

The roots must be kept moist or damp at all times. Wet straw or peat moss packed around the roots and held in place by canvas will serve for the purpose of protection. When the trees are unpacked, the roots should be dipped in a thin mud mixture and kept covered and moist until planted. Heeling-in or the covering of the roots with damp soil is the most usual method. The protection of the roots is the most important precaution to be observed when transplanting plants of any kind. In spite of this fact, some trees will survive the most careless treatment but such instances are in the minority and certainly not to be followed as examples.

Trees may not only survive rough handling, but they may occasionally grow quite satisfactorily on soils that are far from ideal. Soil and drainage are important factors in the growth of all trees. Many will exist on various types of soils but they will prove the best examples of their species in situations especially suited to their liking.

Similarly, people may survive on the simplest of diets, but they will be underdeveloped, both physically and mentally. Where life is present in any form

under the control of man, it should be given, in so far as possible, the proper nourishment and environment to provide at least a normal existence. In the case of trees the proper soil and drainage should be given consideration.

A medium heavy loam will produce the best Elms although they are occasionally found growing on sand. Red Oaks require a well-drained, sandy situation, while Pin Oaks prefer moist sand. Norway Maples grow well in most any soil although they prefer a light loam. Sugar maples are extremely particular and must have a gravelly, well-drained soil in order to be at all satisfactory. Few trees will grow in a soil where stagnant water exists, and a recommended practice is to always provide perfect drainage.

PRUNING

In addition to selecting or providing suitable soil, the tree itself must be prepared for planting. Some top pruning is advisable in order to limit or equalize the demand made upon the incomplete root system for raw materials which are used in food manufacture. With the best of care some of the roots will be lost in moving, and those which are left must be given sufficient time to become established before they will function. Pruning aids in relieving the shock of transplanting and helps to conserve the strength of the tree for a permanent growth.

There is a more or less difference of opinion among experts as to the proper method of pruning at the time of planting. Much depends, however, upon the species and size, and upon the care given after planting. Generally, slow-growing trees should be pruned more severely than those which develop rapidly, although in no case should normal leaders be removed. The natural form should be altered as little as possible.

The most usual recommended practice is to thin the tops uniformly, at the same time removing interfering and abnormal branches and cutting back the side branches. Approximately one-half the top should be removed in this manner.

The side branches on trees from two to three inches in diameter should be cut back to within about one foot of the trunk and all cuts should be made just beyond a live bud or flush with the trunk or another branch. It is advisable not to molest the small twigs and shoots left on the remaining parts. Young trees will outgrow the effects of pruning in a few years, whereas if they are not pruned a number of the branches usually fail to survive or the entire tree dies.

To further prevent the loss of trees, all broken or damaged roots should be removed at the time of planting. Injured roots do not function properly and they are often responsible for the spread of diseases.

Most trees, as children, undergo a period in their development when they appear ungainly and unlikely of ever becoming suitable specimens. We are amused at the form and carriage of a boy approaching manhood, knowing

(Continued on page 90)



Now... **YOU CAN HAVE**
THE THRILLING BEAUTY OF CARRARA WALLS
IN YOUR BATHROOM

THERE is something thrilling about walls of Carrara Structural Glass... with their alluring color tones, their polished surfaces, their reflectivity which lends an appearance of greater spaciousness to a room, their unexampled depth of richness and beauty. Carrara Walls have an exciting individuality which walls of other materials lack entirely.

Besides beauty, Carrara Walls have permanence. They never lose their bloom, never become old-looking. They will not crack, check, craze or discolor with age. They will not absorb odors. And they can be kept spotlessly

clean and resplendent by merely wiping them occasionally with a damp cloth.

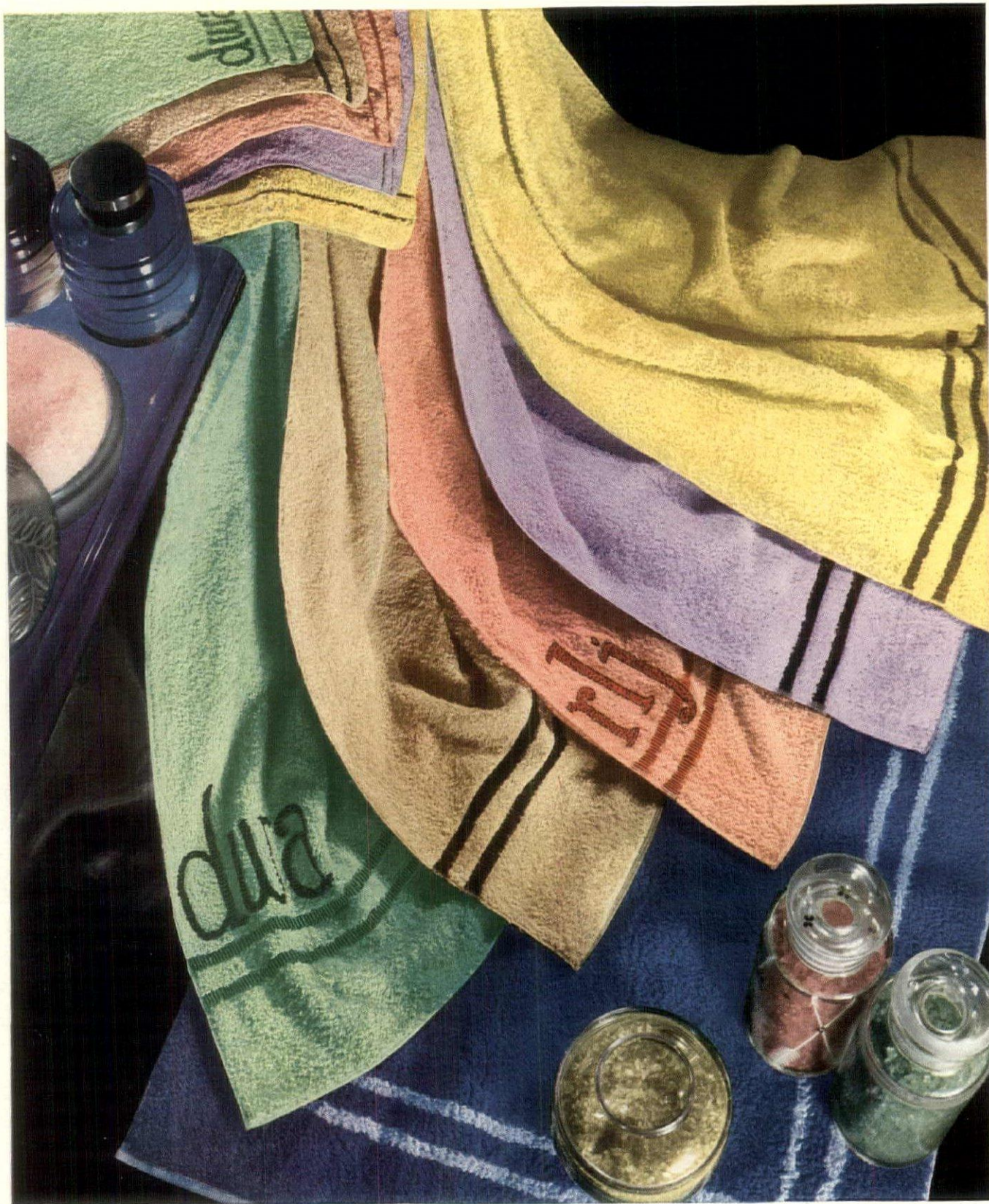
And now, thanks to great manufacturing improvements, you can have the thrilling beauty of Carrara Walls... formerly confined mostly to decorative use in large buildings... in *your* bathroom. For Carrara Structural Glass is available today in new thicknesses and shades suitable to the bathrooms of even the most modest homes, and at a price little if any

higher than that of vastly inferior wall materials. Best of all, Carrara Walls can be quickly installed in your present bathroom... usually right over the walls already there.

We invite you to send us a rough plan of your bathroom with measurements, and we will gladly show you how Carrara Walls can transform it into a lovely room of modern design at very reasonable cost. Ask, too, for our illustrated booklet containing typical examples of Carrara bathrooms and kitchens. Pittsburgh Plate Glass Company, Grant Building, Pittsburgh, Pa.

CARRARA

— The modern structural glass —



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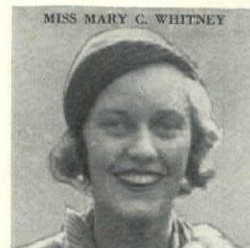


Resist these bath towels if you dare! Made by Martex, who have been producing only the finest bath towels for over 35 years, they offer the final touch of beauty and usefulness to every well-appointed bathroom. Skimp if you must on some things but it is pound-foolish to deny yourself the finest bath towels that can be made. Martex bath towels keep their beauty and wear so much longer that they will actually cost you less in the end than ordinary bath towels. Your nearest department store or linen shop can supply you with Martex bath towels for as little as 50c and up to \$2.50. Wellington Sears Co., 65 Worth St., New York City.

These **ASTUTE YOUNG** **ARISTOCRATS** *expect Sterling*

In any smart center whether they are debutantes or young matrons their background of correct social usage demands sterling . . . for them there is no substitute. These astute young aristocrats fully aware of the importance of having only the best, shrewdly select favored patterns in exclusive WALLACE Sterling. And they are canny enough to make their choice known in the right quarters. Truly, what can be more sensible in this modern age than to give any young woman on various gift occasions, pieces of enduring sterling in the very pattern she herself has chosen. Particularly when such a lovely design as Normandie can be at such moderate cost. A dozen teaspoons for example are priced at \$14.00. (Even now sterling

prices are still *low*, for the 1929 value would have been \$21.00). And other pieces are in the same scale. The WALLACE Silversmiths have awaiting you at your jeweler's fifteen beautiful creations in sterling. Visit your jeweler today and have him show them to you. Even better, take her with you to be sure that you and she agree as to just the pattern she has in mind.



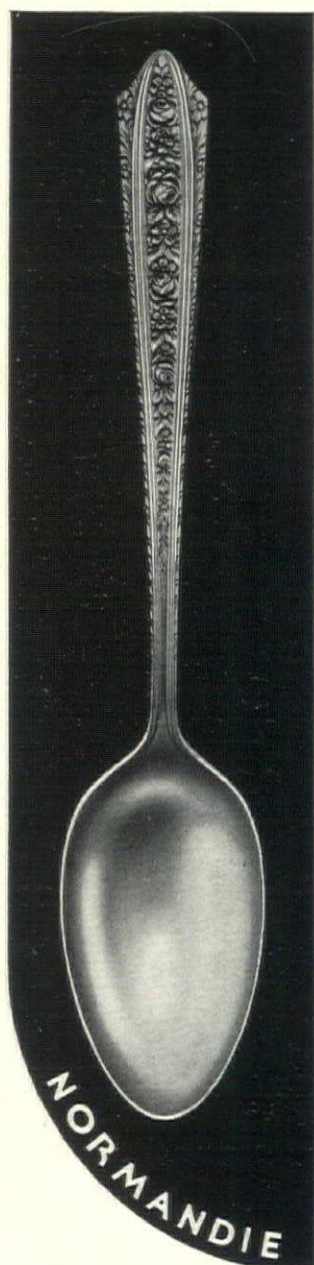
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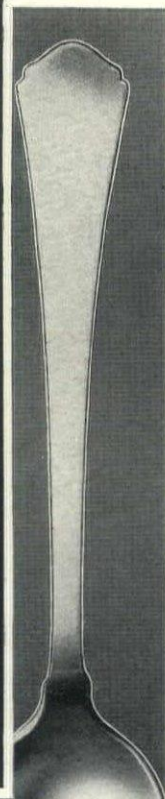


MRS. MELVILLE E. STONE II



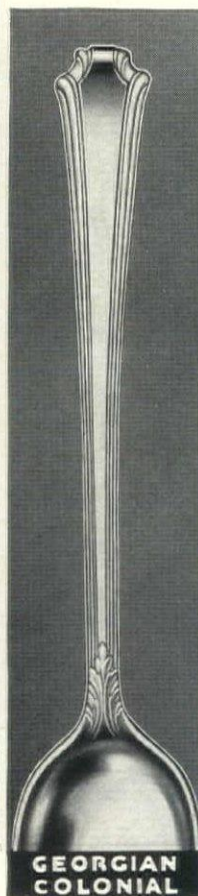
NORMANDIE

\$6 FOR SIX



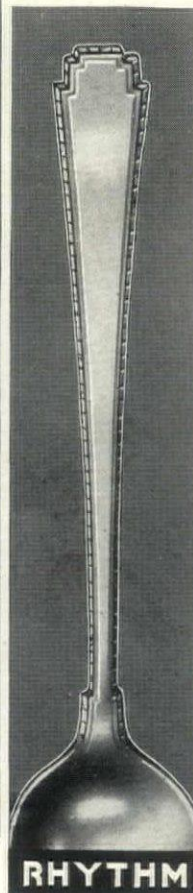
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In all the world, there are no utensils that equal these in beauty and value per dollar. They give you WATERLESS COOKING which seals in all the natural moisture, flavor and vitamins of foodstuffs... They give you FUEL SAVING straight sides and QUICK HEATING black bottoms plus CHROMIUM COVERS, BAKELITE KNOBS and new efficient shapes. Above all they introduce CHIP-PROOFED and STAINLESS Guaranteed Enamelware which is years ahead of other ware in DURABILITY and EASY CLEANING qualities... See this wonderful line, in harmonious colors, at local department, hardware and speciality stores.

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FEDERAL ENAMELING & STAMPING CO.

World's Largest Manufacturer of Enamelled Kitchenware

PITTSBURGH • PENNSYLVANIA



A Fifth Avenue country house

(CONTINUED FROM PAGE 68)

taffeta on the dressing table. A chaise longue is upholstered in gold satin.

Even more Venetian is the master bedroom. A pale green broadloom is laid on the floor and the bed canopy is the same green in moire with an oyster silk lining. The oyster tone is repeated in the damask of the window curtains. The beds themselves are a simple Louis XV design painted soft antique green, and they have green silk spreads. There is a chaise longue in white damask and a chair in green velvet. The walls are painted flesh pink with bands of pale green and cream forming panels. The doors themselves and the overdoors are treated the same. A convenient feature is a breakfast group set by a window—a table, with Louis XVI chairs painted white with green leather seats.

The second bathroom follows the sensible plan of having its walls covered with sheets of glass.

Two more rooms remain—the blue and white guest room and a bed-chamber for a young girl.

In the guest room the woodwork is painted blue and the carpet is a darker blue, while the walls have a pale blue striped satin paper. At the windows are curtains of white net with valances of blue chintz. This blue and white is on the bed, too, for it is covered with a spread of blue and white diagonal sateen. One easy chair is in figured chintz.

The furniture of the daughter's room is a simple modern design in hawthorn and silver with mirror ornament. The floor covering is a silver gray broadloom carpet. For bed covering and dressing table bench was chosen a high pile cotton fabric and on the nearby easy chair is a cotton fabric in pale yellow honeycomb. The curtains are white Crêpe Ondese. To complete this yellow and white scheme comes the wallpaper—white snow flakes on a yellow ground.

PLANTING THE GROUNDS

The garden is the next feature to consider.

So many doors open upon the terrace and lawn that outdoor living can be both convenient and enjoyable. A terrace of mellow red brick surrounded by a little hedge of Yew or Boxwood lies directly off the dining room. This terrace overlooks a small lawn which extends from the living room to the garden house, located on the property line directly back of the living room side of the house.

Lawns are made to look over rather than at, so backgrounds become important. Here we have a small lawn, restful in character, and a background composed of garden house and tall planting made up of Dogwoods, Cedars, White Birch; lower planting of Ilex Crenata, Yew, Bayberry, Laurel, Cotoneaster, low spreading Junipers, etc.

The grounds around the house as displayed are smaller in all probability than if constructed in the country or suburbs.

Walks of brick lead from terrace to garden house and back to house on opposite side of property.

There is opportunity for a gay planting of Tulips and Narcissi around the terrace.

As the house has no foundation visible to the eye and springs directly from the ground, trees and plants used near and against it are placed sparingly and with much thought to composition as regards the mass of the house.

Two white Birches of several stems each are set each side of the front door. These trees with their white trunks and many small dark twigs are equally decorative in summer and winter and create a pleasing contrast and foil for the dark Ilex Crenata, Junipers, Laurel and Pyracantha used around the house.

It is planned to use many plants having attractive fruits for the fall display. These will include the Cotoneasters, Bayberry, Ilex Verticillata, Bitter Sweet and Viburnum Dilatatum.

During the early spring, flowering Azaleas, Rhododendron, Magnolias, Lilacs, Wisteria and Roses will be used to replace some of the plants used for their fall effects.

Bobbink & Atkins are supplying the plant material and maintaining the garden according to the seasons.

THE EQUIPMENT

This display is notable in its equipment for being an all-gas house.

The following firms have generously contributed to the building, decorating and landscaping of the house: FURNITURE—W. & J. Sloane

DRAPERIES & UPHOLSTERY FABRICS—In the library, living room, powder room, boudoir, master bedroom, guest room, daughter's room—F. Schumacher & Company and W. & J. Sloane. In the library and daughter's room—Celanese Corp.

FLOOR COVERINGS—W. & J. Sloane WALLPAPER—Thomas Strahan Company

EXTERIOR & INTERIOR PAINT—Samuel Cabot, Inc.

MIRRORS—Pittsburgh Plate Glass Co. FIREPLACE EQUIPMENT—Edwin Jackson, Inc. Fyr-Slyd Screen Inc.

HARDWARE—Yale & Towne CLOSETS AND CLOSET FITTINGS—Lewis & Conger

BATHROOM FIXTURES—Crane Company HEATING PLANT & RADIATORS—H. B. Smith Company

HOT WATER HEATER—Ruud Manufacturing Company BATHROOM FURNITURE—C. F. Church Manufacturing Company

VENETIAN BLINDS—J. G. Wilson Corporation

SILVER TEA SERVICE—Black Starr & Frost-Gorham, Inc.

SILVER IN DINING ROOM—October: Towle Manufacturing Company; November: Rogers, Lunt & Bowlen Company; December: The Gorham Company; January: Watson & Company; February: R. Wallace & Sons Manufacturing Company; March: International Silver Company; April: Reed & Barton

GLASSWARE—Libbey Glass Manufacturing Company

CHINA—Josiah Wedgwood & Sons

LINEN—Grande Maison de Blanc

BLANKETS—Kenwood (F. C. Huyck & Sons)

(Continued on page 96)

GAS

... the Modern Fuel



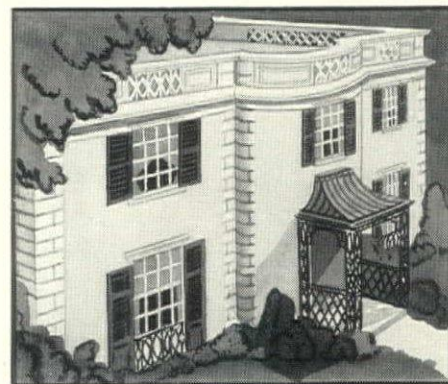
SERVES THE "HOUSE & GARDEN" MODEL HOME AT SLOANE'S

A HISTORY-MAKING model home opens its doors this month. Planned by *House and Garden*, and built by W. & J. Sloane in their New York store, it embodies every refinement of design, every aid to gracious living that today's world knows.

It is significant that such a house should be wholly served by *gas*—for cooking, cooling, heating. The most modern equipment was wanted. Gas was chosen—because gas has kept a step ahead—because modern gas appliances are so dependable, efficient, enduring *and* economical.

In the *House and Garden* home you'll find a *silent*, thrifty gas refrigerator—an automatic gas water heater that keeps abundant hot water on tap all the time—a gas range with automatic lighting, automatic time and temperature control—and an automatic gas house-heater that gives clean, healthful heat in all weathers, *without work* of any kind.

Besides the complete house in New York, individual rooms will be on view in Sloane's Washington store. Both are



worth visiting. You'll come away with new ideas for your home—and especially your kitchen. Consult your local gas company for practical aid in carrying them out. American Gas Association, New York City.



Now the gas range comes to its own, takes its rightful place as the finest thing in the kitchen. For the Modern Oriole is not just an old-style range with improvements. It is an entirely new creation.

Even its beauty is but the reflection of inner symmetry—that harmonious relation of part to part which characterizes the work of the modern functional designer.

Overnight your present gas range has grown too old to keep. Comparison with the Modern Oriole will reveal the amazing advantages of this time-money-and-trouble-saving range. These are just a few of them:

NEW DUAL-DUTY BURNERS In each one of the burners a big speed-flame or the smallest of simmers or anything in-between—all at a finger touch.

EASY-TO-CLEAN construction inside and out. Rounded corners. No chinks or grease traps. Porcelain-enamel finish. Enamel burner-box shield.

EXTRA INSULATION keeps the heat in where it belongs. Cooler kitchen, lower gas bills.

NEW HEAT-CONTROL OVEN takes the guesswork out of roasting and baking. Measures out just enough heat to do each job perfectly, without watching.

SEE this wonderful range in W & J Sloane's "House of Years", New York, or in their Washington exhibit. Also shown by gas companies and stores in your vicinity. Write us for the name of the nearest one.

STANDARD GAS EQUIPMENT CORPORATION • 18 EAST 41st STREET • NEW YORK

THE
MODERN

Oriole

GAS RANGE

Italian commodes of the 18th Century

(CONTINUED FROM PAGE 63)

given such an impetus to the goldsmiths and the workers in silver and bronze, having vanished, their art sank into oblivion through the lack of great leaders to carry on the tradition. With the exception of imported bronze hardware, such as handles, escutcheons, keys and decorative metal ornaments, in comparatively rare instances, this work where it does exist is inferior to the French and English.

In the rural furniture no attempt at all was made to apply these decorative bits of hardware or ornament. Wooden knobs or the key, slightly turned in the key-hole so that it would catch, was the only means of opening a drawer. They did not have the skill in fitting or finishing the drawers, so that they could be operated easily, as had the English cabinet-makers. The drawers were often lined with silk or linen, to keep the clothes from catching on the rough wood, much as the French used decorative papers for

the same purpose. However, what the Italian simple country commodes lacked in elegance of detail and finish, they made up for in their simplicity of form and line, the charm of their painted examples and the sturdiness of their unsophisticated construction.

By the use of solid walnut, walnut-root, acacia and olive-root, with inlay sparingly used and then only in geometrical designs or in well balanced spots of decoration, they present much more the aspect of the simpler English pieces than they do the French. They are therefore very easily assimilated in the American scheme of furnishing, where they may have to harmonize with Sheraton or Hepplewhite heirlooms or contribute a conventional note to a setting in the Modern feeling.

EDITOR'S NOTE—This is the fifth article in Mr. Carrère's series on 18th Century Italian Provincial furniture.

What for the steep slope or unsightly bank?

THE steepest bank is apt to be where the views are the most far-reaching or the summer breezes most desirable. Yet here planting problems may be the most baffling. Barren slopes are frequent along lake or river bluffs. Ugly embankments are often formed in the very center of residential districts. Essential civic enterprises must often consider convenience before appearance. And highways, among other thoroughfares, are not notably decorated with appropriate horticultural loveliness.

Rock gardens have been developed in innumerable places, to be sure, and sodded terraces have been perfected where drainage and careful maintenance are provided. But for those slopes too steep or too expansive for casual flower-planting, those declivities unimportantly located or important summer-home slopes, many shrubs and deep-rooted, woody perennials will transform offense into attractiveness.

If the "angle of repose" is not too sharp, grass alone may be used and allowed to seed itself. One estate owner, however, tried grasses unsuccessfully. He added many self-sowing annual and perennial plants with a few favorite shrubs, only to lose the whole bank when it slid into the lake below! He had even constructed a trough with pipes from the upper level leading down at an angle supposed to forestall just such a contingency.

Drainage, thoroughly and keenly planned, is of first importance. Any expense should be undertaken for stubborn slopes. There must be provided some outlet for the water which normally goes down the bank. Gullies and deep washes must be prevented. If these do begin, and adequate drainage cannot be contrived, plants of many kinds may be established so that their roots collect the washed-down soil and yet are not themselves harmed by extremes of dryness and wetness, or the force of running water. If the slope is sandy, the water runs off too quickly. If it is of clay, the ground may be baked. Both conditions hard to combat unless plants are chosen because they will endure abuse.

After everything possible has been done to keep the slope established, the physical character of the soil may be improved by working in the usual materials such as leaves, straw or granulated peat for adding substance to sandy soil or lightening clay or silt. Ground limestone and sand may have use with the clay. There are substitutes available selected according to chemicals existing in the soil or industrial plants nearby. Fertilization must be taken into consideration also, with especial emphasis upon root-stimulation. If there is a cinder embankment to deal with, phosphorous is already present in usable form, and many of the "hopeless" banks are found to have natural supplies of phosphorous in surprising amounts.

It is usually easy enough to have the soil tested, but to have either physical or chemical additions remain stable is often problematical. In any case, bank covers should be chosen for their sturdiness, as well as for their appearance.

Plants must look well even when the washing or slipping of soil may destroy the trim aspect of the original layout. Those with deep-root tendencies, rather than those which have fibrous roots, and stoloniferous species are welcome. Small trees are frequently desirable, if their habits do not injure neighboring lawns, gardens or crops.

Amelanchier canadensis, the Shadbush or Juneberry, which has an inclination to sucker and bloom when very small, *Cercis canadensis*, the Redbud and *Cornus florida*, the conspicuous Flowering Dogwood, may be suitable. The Flowering Dogwood spreads in low, bushy fashion, very rapidly, but will not produce beautiful flowers unless sheltered and suited as to diet. It prefers acid soils, and will stagger along an abrupt bank in incredible manner if not exposed to drying in excess. Trees are most appropriate as picturesque additions to lower material.

Salix tristis or *Salix uva-ursi* are little Willows which may be used as last resort. They spread but have no

(Continued on page 86)



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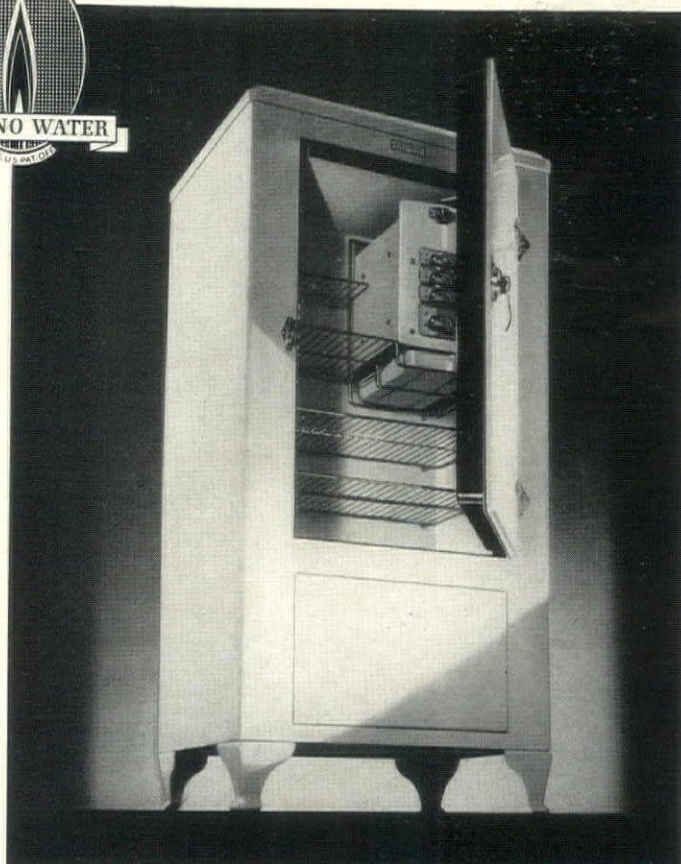
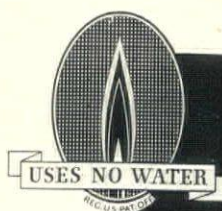
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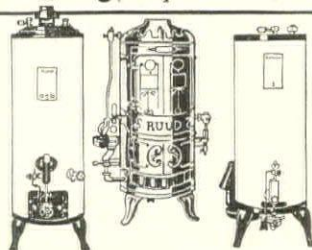
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What for the steep slope or unsightly bank?

(CONTINUED FROM PAGE 84)

season of particular beauty and the leaves fall early. Several species of *Prunus* may grow well in dune-sand, *P. virginiana*, Choke-cherry, *P. serotina*, Wild Black Cherry, *P. pumila*, Sand Cherry, *P. pennsylvanica*, Wild Red Cherry, are all native, hardy, prolific sorts. They attract the codlin moth very dangerously, however, and unsightly webs must be continually removed or guarded against. The Wild Red Cherry is perhaps the worst, but the tart little scarlet fruits are ornamental, and excellent for jelly if excuse for existence must be found. Early bloom is an attraction, too.

CLIMBING VINES

Lycium chinense, Matrimony Vine, is graceful, its small purple blossoms pretty and pleasing to the hummingbirds, and the red berries embellish the hurrying branches which cover any sort of soil rapidly.

Parthenocissus quinquefolia, ordinary Woodbine or Virginia Creeper, has transformed many an unsightly slope, as has Poison Ivy (*Rhus toxicodendron*), which uninformed persons invariably admire! Informed persons, too, for it clothes with a will, is glossy and green in the summer and gloriously red in the fall.

Celastrus scandens, False or Shrubby Bittersweet, will take hold readily and increase from the main roots. Its seeds must be treated with acid—such as the digestive organs of birds provide—or stratified before they will germinate readily so small rooted cuttings are the best for a start. They fruit in three years unless staminate flowers have repeatedly occurred. It is a plant which twines upward rather more than outward, and its autumn display is the more effective because of the interwound stems. On the steepest gravel cuts *Celastrus scandens* will take hold, as well as on all other soils such as clay or sand or silt. It insists upon consideration. Or use Wild Grape, *Vitis vulpina*, *V. rupestris* or allied native species, with ornamental leaves and rugged stems which hold soil rigidly, and roots undaunted by surface disturbances. A few gullies are as nothing to a Wild Grape. It marches right over them or hurtles across in the most effective fashion. I have seen the most forlorn of sandy slopes, bitterly exposed to sun and wind, gleaming with beauty of the glossy leaves of *V. rupestris*. The blossoms of Wild Grape are fragrant and as desirable as the fruit in its many stages of picturesqueness and utility.

Pachysandra terminalis has become very popular of late years, and it has successfully held many a miserable spot from extended desolation. In one sterile, shaded spot devoid of other plant life, where artificial and natural means had been tried for years and all plant covers had been useless, *Pachysandra* alone prevented washing. As the house was at the base of this bank, not such a steep one, either, it meant a vast relief to the home-owners.

Vinca minor, common Running-myrtle and *V. major* are quick to spread in sun or shade, particularly happy in shade. Their chief merit is in their matting and evergreen leaves. The

flowers, white, blue or purple, are numerous but somewhat hidden by the heavy foliage.

Rhus canadensis is useful and delightful, particularly when its red spires are studding the reddening foliage. Its winter appearance is interesting because of the stubby, thick branches, fantastically formed, and only its familiarity prevents its use in great masses. If the soil is sterile, the bushes will usually be low. The taller Sumachs, such as *Rhus typhina*, are equalled in bank-covering by the fast-marching Sassafras with its gay colorings in the fall, its green twigs and its dark fruit on fleshy, coral-red stalks. For that matter, Poplar will clothe a slope in no time, and be cordially detested, nine times out of ten.

Arctostaphylos uva-ursi, Bearberry, trails accommodatingly in neutral or acid, sandy soil, and has evergreen foliage to set off the red fruit. Bearberries are very abundant if much phosphorous and potash are present, and these red "jewels" are in great demand for decoration along with the trailing branches which bear them.

Prostrate Junipers adhere well to difficult spots, often naturally in company with the *Arctostaphylos*. The blue berries of the pistillate Juniper, *horizontalis*, are an arresting sight in their evergreen setting. *Cotoneaster microphylla*, well-named "Rockspray," *C. horizontalis*, less reliably evergreen, and *C. adpressa* are decorative, red-berried Cotoneasters which like phosphorous and potash in abundance, with perfect drainage.

FOR TALLER GROWTH

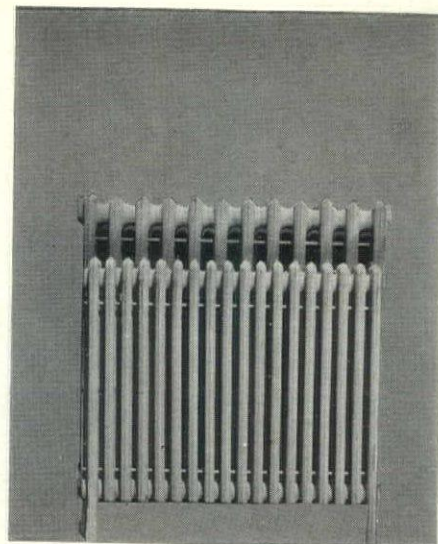
Acanthopanax pentaphyllum, five-leaf Aralia, is a thrifty shrub with insignificant efflorescence but beautiful, gleaming leaves. It is rather too high for large bank-masses if lower things are obtainable. *Ceanothus americana* is much better as to low growth, and it has flowers of snowy airiness, in clusters which cover the entire bush. The seed capsules are very gay in late summer, and silvery-lined when they have burst. Toward late winter, however, they are dingy, and even the curving stems do not offset the dullness. This hardy *Ceanothus* will grow almost anywhere and no sidehill in sun or shade, clay or sand or silt ever daunted the delving roots which have been so troublesome to nurserymen.

The taller *Physocarpus opulifolius*, Ninebark, will also cling well to an embankment. The peeling bark beneath the clusters of showy seed pods often vie with the fall-flowering Witch Hazel or the Hazel whose nuts are flaunted in such jaunty frilled cases.

Cephalanthus occidentalis pops up by itself in short order, and its fragrant button-balls become ruddy for fall adornment, along with *Sambucus pubens*, the Red-berried Elder, which, like the Button Bush, prefers the lower parts of the slope as well as more shade than its *S. canadensis* relative.

Honeysuckles of twining sorts grow greedily, but without too much exuberance. *Lonicera sempervirens*, the old trumpet Honeysuckle, *L. japonica* Halliana and *L. Heckrottii*, with yellow-

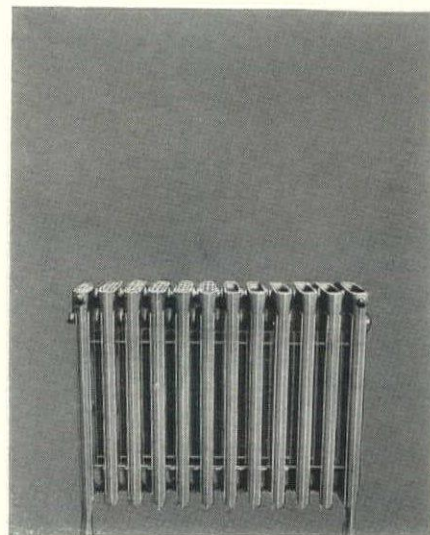
(Continued on page 88)



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What for the steep slope or unsightly bank?

(CONTINUED FROM PAGE 86)

ish flowers, are easily obtained. *L. aureo-reticulata* has spotted foliage which recommends it to a few.

Sorbaria sorbifolia is a "False Spiraea" with compound leaves, its plentiful blossoms and suckering roots causing it to be more conspicuous than the little two-foot *Zanthorhiza apiifolia*. This Yellow-root has practically worthless flowers but is excellent for dampness and shade. The *Sorbaria* is green early in the Spring, but the *Zanthorhiza* is at its best when its leaves are yellow in the fall.

Potentilla fruticosa is flowery and fast-growing, but really weedy. *P. tridentata*, about a foot high, is fond of dry banks and is all but evergreen in mild localities.

Helianthemum nummularium, Sun-rose, is a beauty with its yellow, red, pink or white flowers. It will cling fast to the steepest, rockiest, sandiest or most-baked soil imaginable, if much lime is present. It usually requires winter mulching, for which its gaiety is truly ample reward.

Comptonia asplenifolia is one of the less desirable covers if it is likely to spread to cultivated fields or pastures. Its little catkins and its dull-green, deep-cut, narrow leaves are truly attractive. When fall and winter come, the bush is scraggly and almost repelling excepting when it holds snow artistically. It always welcomes the ground-birds, and is good game-cover. It prefers slightly acid soil, grows weedly and spreads over almost impossible banks.

Dwarf Robinia, Rose Acacia or Moss Locust, spilling down a hillside into perennial Lupine, as both bloom simultaneously, is a thrilling sight. Shabby spots may also be quickly and charmingly covered with *Tephrosia virginiana*, its rose and yellow Pea-blossoms followed by silvery seed-pods high among the silvery pinnate-leaved plants. *Indigofera decora* is another legume for bank-covering. Each flower has a white standard in pretty contrast to the pink keel.

The late-flowering Azuresage, *Pervoskia atriplicifolia*, is an interesting novelty for slopes without bitter winter weather. The silvery, pleasantly-odored leaves and the panicles of bluish-lavender are decorative and appreciated in late summer and early fall. It is only suggested for the very particular hor-

ticulturalist, not for the casual planter. *Euonymus radicans*, Wintercreeper, has frequently spread its beauty on a commonplace slope and *Rosa setigera* with many of its clambering hybrids will brighten a bank of sand or one of clay. The thorny, ruddy branches of the *Rosa* have adornment of their own after the leaves have fallen. Dozens of Roses embellish slopes with the greatest satisfaction. Any climbing Rose with sturdy characteristics may be adapted to a bank. Allow the plants to clamber upward as if the slope were a trellis that had become recumbent and let the vines have their will.

Many other climbing plants will cover slopes instead of upright surfaces and make a thorough job of it. Observe the natural vines in the vicinity and copy their tendencies, choosing species which have similar habits.

The rankly stoloniferous *Hypericum calycinum*, yellow-flowered, is more unusual than the appealing *Rosas* of various types, but very much recommended. Several shrubby St. Johnswort's are helpful in places where a steep slant interferes with normal cultivation.

Always there may be a choice between tall covers and low ones, or proper combination of the two. Prevailing winds must be studied, as well as the angle of repose. For sheer utility lower plants are the best, while for utility and landscaped loveliness, a composition of low, medium and high may easily be arranged.

Shaded, wooded slopes present few problems. Trees hold the soil in place, while shade-loving perennials such as Wild Ginger will form a surface carpet. Any tufted or trailing cushion-perennial recommended for rock gardens can be adapted to banks temporarily and accommodating annuals such as Verbena and Portulaca are frequently used.

Local nurserymen or garden advisors will suggest the best planting times and methods for specific needs. Dozens of things may be started in the fall and held in place by wire netting staked down, if slipping is apt to occur. Ingenuity will suggest various efficient plans for the beginning work.

Stubborn banks will be welcomed as interesting problems and ugly banks may become veritable treasures as their crevices are conquered in the amusing solutions.

—MILDRED NORTON ANDREWS

First aid for perennial borders

(CONTINUED FROM PAGE 76)

association in pink and lavender and white.

Lilium henryi towers handsomely behind a planting of *Salvia virgata nemorosa*, and a group of *Lilium tigrinum* is greatly improved by being interplanted with *Aconitum napellus bicolor*. In making use of *Aconitum wilsoni* it should be remembered that though it is so tall as to belong at the back of the border it is too slender to make a proper background plant and itself needs a backing of wall or tall hedge or some good shrub.

Where the two biennials, Foxgloves

and Canterbury Bells, bloomed earlier there will now be blank spaces. It is a good plan to set behind these plants Asters of the *Ericoides* group, or other wand-like species, so that they may be drawn down to cover the defection.

We need not, I think, fash ourselves over much about colors, for living colors do not clash in the same way as do stuffs, or what might be called dead hues. Certain juxtapositions of course are bad and these are easily taken care of but on the whole with plenty of green and a sense of proportion in the use of color there will be little trouble.



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Guests make their own appetizers, of course!—and tasty “snacks” of all kinds. They enjoy making the

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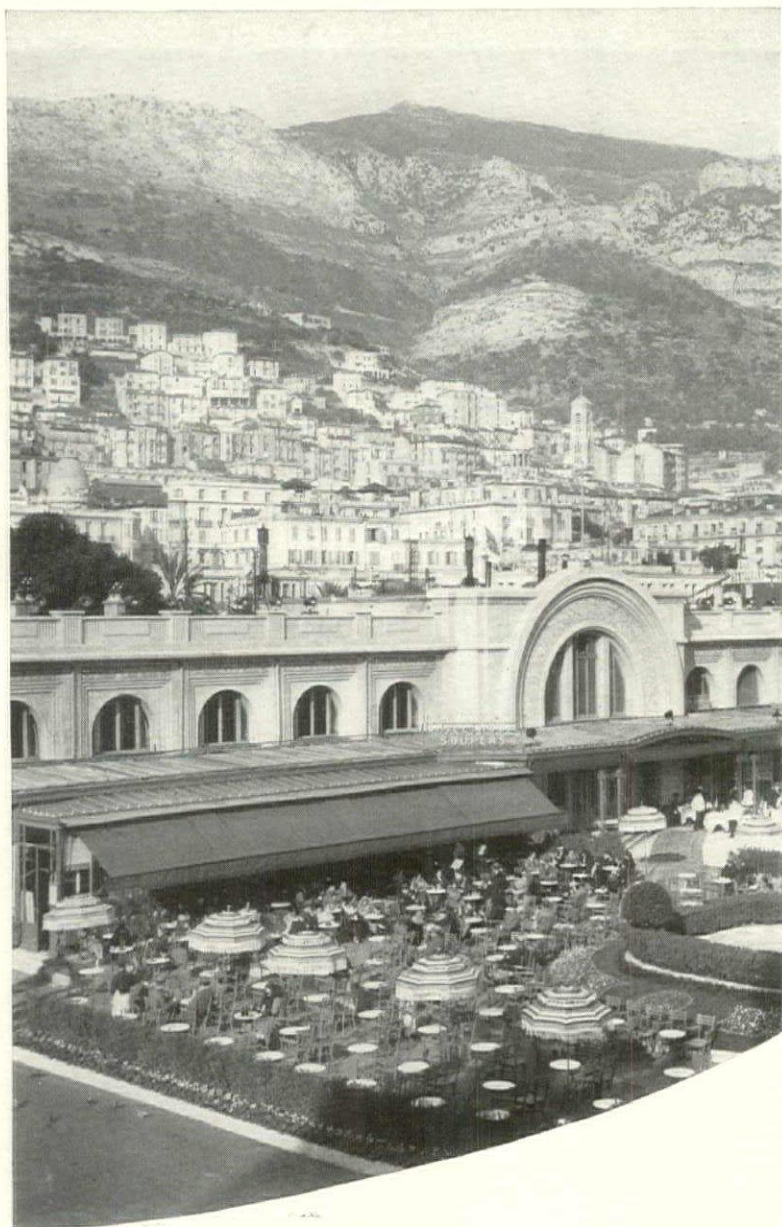
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To make your trees succeed

(CONTINUED FROM PAGE 78)

that he will soon be of normal proportions, but we may be too hasty in condemning trees for passing through a similar stage. With trees this period of adolescence usually occurs when they are from three to eight inches in diameter. With careful pruning and training as they grow, however, they will recover more rapidly and more correctly than when left to shift for themselves.

Trees planted in the open often develop heavy tops and abnormally long branches on the east side, due to the influence of the prevailing westerly winds. This can largely be corrected by pruning and by providing a protective planting on the windward side.

An old theory exists that in transplanting trees they should be placed in their original positions with respect to the points of the compass; that is, the original north side of a tree should face the north when located in its new position. The only advantage in following this practice, however, is to prevent possible sun scald on the sides of the trunks which were previously unexposed. Little consideration need really be given the position of trees in transplanting, since the trunks of all those having thin bark, such as Maples and Oaks, should be wrapped or shaded to prevent damage from the sun, regardless of their position.

Wrapping also protects trees from injurious boring insects. Sheeting paper cut in rolls about three inches wide is perhaps the most convenient and serviceable material to use. This should be wrapped spirally around the trunks from the ground to beyond the first branches and held in place firmly but not too tightly by three-ply untreated jute twine. As a protection against borers this should be done in the early spring, before the adult beetles appear to deposit their eggs. Usually one wrapping weathers away in about two years and if the trees are sufficiently established and thrifty at the end of this time, rewinding is not a necessary precaution.

The method used in planting has a direct effect on the ability of trees to become successfully established. Careful planting shortens the time required for a vital connection with the soil and in many instances prevents complete loss.

All trees should be planted at the same depth to which they grew in the nursery. This can be determined by the discoloration of the bark and adhering soil particles at the base of the trunk just above the roots.

The holes should be of sufficient size to receive the roots in a natural and

uncramped position. The placing of manure or commercial fertilizer in the holes will do more harm than good, but backfilling with rich top soil is advisable. All fertilizers, if applied, should be worked into the surface soil around the trees after planting.

The most important part of the planting operation is the tamping of the soil firmly but carefully around the roots, so that no air spaces are left. Each root must be completely contacted with the soil. Working the soil underneath the roots by hand, especially at the center or directly under the trunk, is the surest method of accomplishing this. The tender fibrous roots must not be damaged in this process.

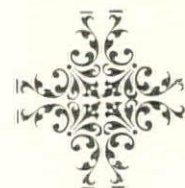
When trees are planted in the fall they are benefited by a strawy manure mulch about six inches in depth spread evenly over the area disturbed by planting. This material should be kept several inches away from the trunk on all sides. A fall mulch, however, should not be applied until after the ground has frozen.

Trees planted in the spring may be given an application of commercial fertilizer. An approved brand containing approximate equal amounts of available nitrogen, phosphoric acid and potash is considered best. This should be applied at the rate of about two pounds per inch of trunk diameter and worked well into the top two inches of soil. This may be followed later in the growing season by a light mulch of well rotted manure.

Most trees which are carefully selected and given proper attention at the time of transplanting will survive in a normal condition. They cannot be made to grow by mysterious practices or neglect any more than people can be developed by superstitious beliefs, or lack of training.

Neglected and untrained children often find their progress toward desirable members of society rather difficult but not impossible. Trees treated in the same manner are similarly handicapped although they are more helpless, and seldom develop into desirable specimens. Improved methods in care and training are producing better results in both instances each year. Trees are no longer just planted and expected to grow, but they are carefully selected and treated according to the best knowledge of experts, with the result that their quality is constantly improving, their percentage of loss is much less, and they are a source of increasing satisfaction to those who possess them.

—J. M. BENNETT.



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Like all Watson Exemplar Sterling Lamerie possesses those qualities of exclusive Watson hand craftsmanship, lifetime super-finish, extra rigid knife handles and other individual superiorities which assure lifelong durability and unchanging charm.



MATCHING LAMERIE HOLLOW WARE

The beauty of the Lamerie Pattern is shown to greatest advantage in its matching Hollow Ware. On these flat or curving expanses of gleaming Sterling, the delicate tracing of its exquisite design betrays the genius of its famous master creator.



LAMERIE

. . . comes her
INVISIBLE guest



FORTUNATE is the bride whose wedding gift of Sterling is Lamerie; the bride whose social functions are graced by that invisible guest, the master designer of beautiful Lamerie . . . unseen, but ever present in the charm of the exclusive creations in Lamerie Sterling by the Private Silversmiths of Watson Park.

Designed originally by that great French silversmith Paul Lamerie for the Court of George II, this exclusive pattern has been reproduced in Watson Exemplar Sterling in many modifications of the original, each preserving the Paul Lamerie motif, yet varied to meet the demands of individual taste.

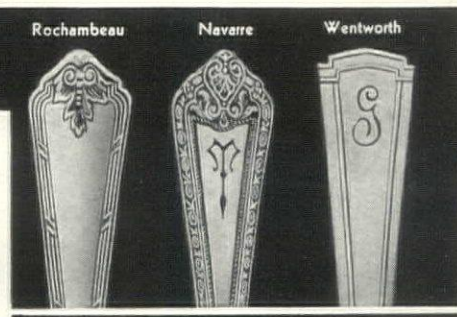
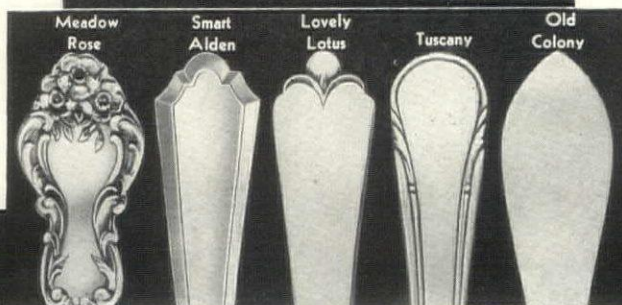
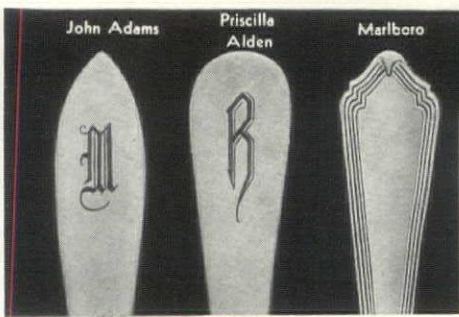
In Lamerie, your choice becomes exclusive . . . *your own pattern* . . . created by the Silversmiths of Watson Park. Against its background of individual design and unusual beauty, its possessor can plan her social gatherings in the sure consciousness of that success which Lamerie Sterling assures.

THE WATSON COMPANY

48 WATSON PARK
ATTLEBORO, MASSACHUSETTS

PRIVATE SILVERSMITH'S SERVICE

Your jeweler will show you any of the Standard Watson Patterns illustrated below; or write for booklet listing pieces and prices. Should you desire the exclusiveness of individually designed Sterling, the service of a private silversmith at Watson Park is available. Unduplicated Exemplar Sterling may be originated, or family Sterling completed. Write for brochure, "Private Silversmiths"—or ask your jeweler.



Watson Sterling

COME HOME TO Comfort

CAN you recall *both* the chill, dreary January mornings when you climbed reluctantly out of bed into an arctic atmosphere *AND* the sultry July nights when you tossed and melted on sheets wet with perspiration? Completely miserable on both occasions, weren't you?

How would you like a home in which the climate would be "always Springtime"... the air always the temperatures that you prefer;... the humidity always exactly at the point that means greatest comfort and health;... circulation always assured at just the right pace for constant freshness and vitality?

You can have exactly such a home if you will install a



BRYANT

Lets the pup be your furnace man

★ ★ BRYANT ★ ★

PREPARED-AIR System

Without calling on you (or anyone else) in your household for attention, it will *automatically* give you the marvelous, constant satisfaction detailed above.

With Bryant Prepared Air you would always... December, March, or August... be "coming home to comfort" every time you turned homeward. No matter how hot, dry, cold, clammy, or otherwise uncomfortable the offices, stores, and other homes in your locality might be, *your home* would always be a refuge from discomfort.

It can be for less cost than you suspect. In fact, if the first cost of a complete installation is more than you want to shoulder at one time, the Bryant Unit Plan of installation will enable you to start with the basic installation of a central plant. Later, very easily, you can enlarge or complete the system.

May we explain the system and its operation in detail and let you know just how it can be fitted to your home?

THE BRYANT HEATER COMPANY

17829 St. Clair Avenue • Cleveland, Ohio

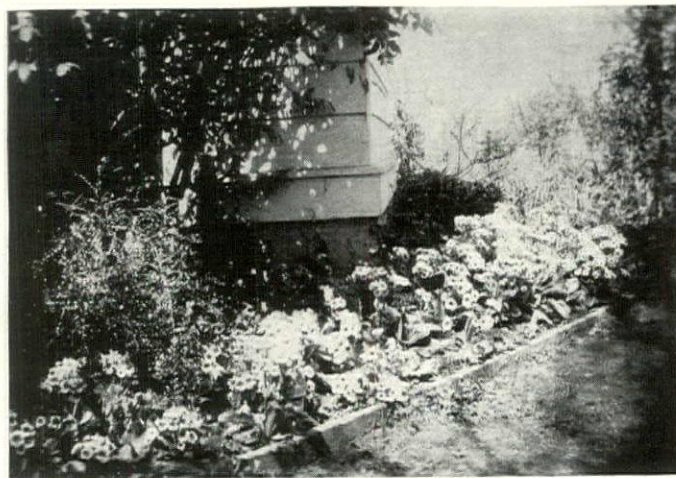
Use the coupon and get the latest facts. Check the methods of heating in which you are interested.

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FOR spring display of bloom the Primulas are in a class quite by themselves, as indicated by this photograph taken along the east walk of the author's garden. Some of the hybrids are especially fine

Hybridizing Primula Polyanthus

THE art of hybridizing is not obscure or mysterious and belongs, I am sure, in what some columnists call Women's Realm. Perhaps American women have done little of it or have not made their work known, but there is no reason why any woman gardener should not seek to improve a favorite plant, either by selection or cross pollination.

Selection brings improvement by the removal of all inferior plants and saving of seeds from the best that remain, year after year, and results in a gradual improvement, which, however, is definitely limited. There is a normal range of variation that will not be passed by this method. But when new traits can be directly introduced by crossing varieties or even species, a larger field is opened with more striking and quicker changes.

I began growing the Munstead Strain of Primula Polyanthus ten years ago and have just finished planting eighteen hundred seedlings of Polyanthus, in all colors, during the month of October. These are from seeds ripened in June and July in my own garden, all the product of studied crosses, and most of which should flower next spring.

For good clumps I prefer to sow the seeds in March or April to provide plants for the next year's garden, but one cannot afford to waste time with new varieties and, too, the season of waiting is one of intense anxiety and expectation.

Many gardeners will remember the brief story of Miss Jekyll's Munstead Polyanthus that appeared in a garden magazine a decade ago. She had perfected a strain in white, yellow and orange shades by a long period of selection, growing only those colors.

Plants which increase from seeds in their native haunts (and the Primula is native in England) are pollinated by insects or often, as botanists have observed, by a single insect, adapted to crossing a particular species. Müller names the bumble bee as the pollinator of several Primrose species.

I count it my good fortune that no Primrose is indigenous to our locality as I might never have begun hand pollination had my first Polyanthus seeded freely. And later when I wanted

definite crosses, I was saved the labor of covering the blossoms, since there was apparently no interference from insects. I have also observed the precaution of removing all the petals from pollenized blossoms, so that they will not attract any insect that might alight upon them.

I had forty odd plants from my first packet of Munstead seeds, which were so superior to any that I had formerly grown that I planned to save the seeds. I soon found that no pods were setting and began hand pollinating with immediate success.

These Primroses are called dimorphous, which, simply stated, means that the blossoms are of two forms, one having the stigma elevated above the petals, and the anthers, carrying the pollen, situated about halfway down the tube, while the other type carries the pollen at the level of the blossom and the stigma within the tube. They should be intercrossed, where much seed is desired, but where it is necessary to "self", that is to use the pollen of the flower to self fertilize it may be done with fair success in most cases. Less seed will be produced and sometimes none at all, as Nature evidently intends the cross to be between the two types.

My first crosses were of this so-called legitimate type and I grew several hundred seedlings the next year and began to cull out the less desirable ones. That, of course, is a question of taste and one that we must all approach with extreme care.

The Primrose is a woodland plant, and its beauty is natural and unaffected. Larger flowers, in clear or delicate colors, are desirable if the whole plant increases in proportion. How far size could be added is a moot question, too. I have many plants whose florets cannot be covered by a silver dollar but they are in large umbels with strong stems and leaves in proportion, uniting these qualities to form a noble plant. I believe that the color and sheen of the petals are enhanced by the increase in size, up to this point, while there is no lack of balance.

In the third generation of my seedlings I had a surprising variation from a pod of seeds that produced several lovely sorts, none of which save this

(Continued on page 94)

Diseased Metal....

**Are you SURE
that YOUR
Hot Water Tank
is any Cleaner?**



"My hot water tank *can't* be in bad condition, it was put in only a few months ago... less than two years." That statement was made about the tank shown at the right before it was cut open.

This "inside facts" survey was made by a group of independent engineers in a region noted for the purity of its city water. Not one of the tanks investigated showed any evidence *outside* of the corroded and *diseased* condition *inside*.

Even a layman realizes that metal in such condition is dangerously weak. Likely to let go at any moment.

"Whitehead" Monel Metal Hot Water Tank (Range Boiler) rust-proof as silver, and just as beautiful.

**Guaranteed
20 years**

"Whitehead" Automatic Storage Gas Water Heaters also have tanks of Monel Metal built into them.

Every "Whitehead" Monel Metal Tank is guaranteed for 20 years. You are absolutely certain it will give you lifetime service.



In contrast, a hot water tank made of Monel Metal is practically everlasting. It will not rust... forms no verdigris... and resists every other form of metal corrosion. You *know* it is *always* as clean inside as it is outside.

The "Whitehead" Monel Metal Tank is tested up to 400 pounds hydrostatic pressure. That assures 50 to 100% greater strength than any ordinary tank. Yet the "Whitehead" is reasonably priced—and surprisingly so.

Plumbing and other dealers will gladly show you the "Whitehead" Monel Metal Hot Water Tank, and other items, too: Monel Metal Sinks, Kitchen Cabinet Tops, and ranges with Monel Metal tops. Send the coupon at right for illustrated descriptive literature.

THE INTERNATIONAL NICKEL CO., INC.
73 Wall Street New York, N. Y.

Monel Metal is a registered trade-mark applied to an alloy containing approximately two-thirds Nickel and one-third copper. Monel Metal is mined, smelted, refined, rolled and marketed solely by International Nickel.



MONEL METAL

← **INSIDE**

Actual unretouched photograph of one of the tanks cut open by engineers to discover its condition after comparatively few months' service.



↑ **OUTSIDE**—Not one of the tanks examined in this region noted for its pure water supply showed external evidence of the rust and corrosion found inside.

*Ugh!
you exclaim*

Don't Show Me How Dirty My Hot Water Tank Is

When I think how often I use hot water in the bathroom and what I use it for... I get positively sick!

After what you've shown me, I'd rather heat water on the stove and carry it to the bathroom than ever bathe Baby again in hot water from our present tank.

Why, I've encouraged the children to gargle with hot water right out

of the faucet. But I've put a stop to that after seeing what these tanks look like.

I thought I was practicing modern hygiene. After what I've seen I don't want a drop of water from such a source to touch my body anywhere.

You will feel the same way when you realize that *your* rust-inviting *corrodible* tank is no better than those investigated in this pure water section.

THE INTERNATIONAL NICKEL COMPANY, INC.
73 Wall Street, New York, N. Y.

Please send me further information on:

- ☐ Monel Metal Hot Water Tanks and Automatic Storage Gas Water Heaters.
☐ Monel Metal Sinks, Ranges and Other Household Equipment.

Name _____

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Plumber's Name _____

Hybridizing Primula Polyanthus

(CONTINUED FROM PAGE 92)



Inspecting a newly woven Bokhara

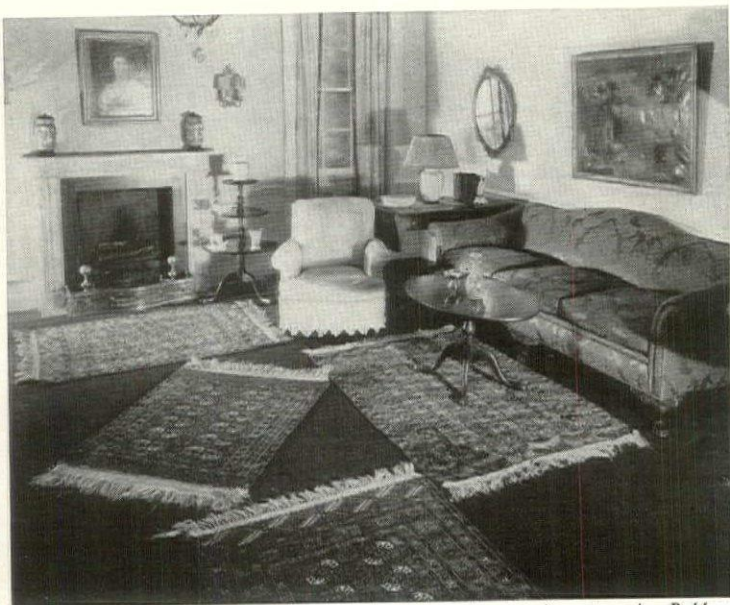
MASTERPIECES CAUCASIAN AND TURKESTAN RUGS

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Genuine masterpieces of subtle craftsmanship, enduring hues and surpassing texture! Designs which represent the elaborated work of the best artistic weavers, transmitted from generation to generation from its origin in ancient Assyria and Babylon. Your choice of a wide-ranging variety of: Bokhara, Beshir, Afghan, Cabistan, Shirvan, etc.

For sale at leading department stores and rug dealers

Write for Booklet HG10 with 15 full-color and black and white illustrations



Luxurious abandon in scatter size Bokhara

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261 Fifth Avenue

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one was noticeably superior to the type. It was a giant plant which sent up stalks sixteen to eighteen inches in height with large umbels of very fine blossoms in a soft yellow. But some of the later stems were weak and inclined to bend, so I began my first work toward a definite end by pollinating this variety by the orange shades, whose stems were always very sturdy, but whose blossoms were smaller than the average. What they lost in size was made up by the richer color, and it was natural to look for a combination of these factors. Among hundreds of seedlings they might easily be found in one plant.

SEEDLING VARIATIONS

I had about one hundred plants from this cross, not only in yellows and orange but in cream and white shades which harked back to an earlier ancestry. In mixed strains one expects from any seed pod a great variety of colors.

There were some with the weak stems that had to be removed, others had small blossoms or stalks too short to be desirable. But I could see a definite improvement and have, since that time grown my Polyanthus from seeds or divisions that include the progeny of that giant plant.

I had later a finely colored plant from a packet of Bronze Queen and crossed it with the pollen from a giant yellow. Rather to my surprise the first seedlings came in a variety of the richest wallflower shades, but including some reds and yellows. The two latter may have been the basis of the strain. There are many interesting conjectures and much positive knowledge to be gained.

I have had several books on hybridizing which I found valuable. I believe it is a mistake to work in plants in a haphazard fashion when the best seed houses are following definite rules.

Mr. W. Bateson has written a most readable and exact book on "Mendel's Principles of Heredity" which should prove helpful, and I am sure that the translation of Gregor Mendel's own *Paper on Hybridization* would interest every gardener who expected to use those principles of trait development which he established.

I expect to flower about one hundred plants next spring from a cross between a giant yellow *Primula Polyanthus* and a tiny deep blue *P. veris* or *acaulis*. I hope, of course, for a good blue Polyanthus but I am grateful to Mr. Bateson for the information that if no blue appears in this first generation, I must self-pollinize these plants and look for the desired color in their progeny. Many fine things have been lost to the garden world through the

destruction of first generation seedlings which had potentialities undreamed of until Mendel's work was understood.

Last year I flowered a batch of seedlings from a semi-double creamy yellow Polyanthus of particular charm, crossed by a deep yellow. The seedlings were all very fine yellows, deep and velvety but no semi-doubles appeared.

This year I repeated the original cross to learn whether these parents would continue to produce dependable rich yellows. But I am also growing a second generation in which some semi-doubles should appear. A slight doubleness does not detract from the simplicity of the blossoms and provides an interesting variation.

The greatest danger in hybridization is that bizarre or grotesque forms may be perpetuated. This can only be avoided by rigid selection of seedlings and holding to an ideal that requires a type at least not less beautiful and harmonious than the parents. The real advancement of horticulture by plant breeding calls for a certain hardness of heart!

It is interesting when culling a bed of Polyanthus to gather a handful of blossoms from the rejected plants and another bunch from those that are left, that an idea of the value of selection may be had. Even those who declare that all of the original plants are too fine to be rogued will agree that there is proof of the value of the work when such a test is made.

When working with perennials such as Primroses any particular plant may be increased by division or saved for further tests in cross pollination.

PRIMULA COMPANIONS

Next Spring will find more Polyanthus in my garden than I can hope to keep, but a thousand or more plants are easily a part of the garden picture. After their long season of bloom, fully three months, they are partially interplanted with Violas which cover them lightly and do no harm to the plants.

Ferns of the less obtrusive sorts, especially some forms of *adiantum* which die down in Winter, are very good, also. In the rock garden a patch of Polyanthus is completely covered in summer by *Convolvulus maritimus* and comes out green and lusty in November.

I have always felt that garden interest is intensified by the growing of plants from seeds, any seeds, but if there is a height of expectation that cannot be surpassed it comes from the day by day watching for blossoms from one's own seedlings.

And no form of spring fever, I am sure, rises to greater degrees than the urge to pollinize.

—EMMA WILLIAMSON



In W. & J. Sloane's "House of Years"

A new "rugged" texture
adds modern zest . . .

Celanese Crepe Ondese

Though inspired by the decorative heritage of the past, a setting of today gains sparkle, and a fresh modern spirit with Celanese Crepe Ondese. Smartly crinkled of surface, it typifies the vogue for "textured" materials in the home. And like all Celanese Decorative Fabrics, it possesses serviceable qualities that are a challenge to time. Pure dye—entirely free from any weighting—it does not sacrifice its richness, or its pebbly surface to dry cleaning. Rain or dampness will not injure it in any way, and its lovely colors are unusually fast.



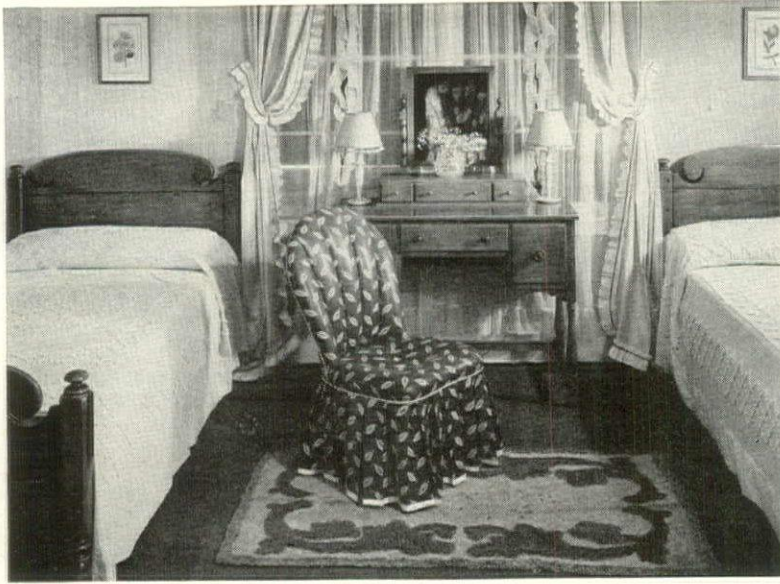
In the Daughter's Room, white overdraperies of Celanese Crepe Ondese, looped twice, combine grace with modern spirit. The cornice board with rope and tassel valance copies the wall paper border.

In the Blue Library of the "House of Years" the sheer curtain fabric used in the Empire window setting is white Celanese Chifonese, a translucent ninon weave.

CELANESE

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BUILDING a Colonial room or a Colonial household is, and by right ought to be, a task of endless fascination. *But beware maple furniture made to sell rather than to live with!* . . . Whitney Colonial Reproductions are copied from original pieces now in private collections or treasured in museums. They are made by competent craftsmen, of sunny New England maple and rock birch. Each piece is rubbed and finished by hand, and carries a triple guarantee. Whitney patterns are open stock, so that you can purchase, now, a generous chest of drawers, a well-tailored Weymouth chair, richly upholstered, or a tavern table with its satiny mellow surface, and then add to your possessions as inclination suggests.

Listed on this page are Whitney dealers who have built on their floors a complete Whitney house, displaying groupings of Whitney reproductions room by room. *Many other stores* throughout the country carry adequate displays. You are cordially invited to visit any Whitney dealer and to enlist his aid in making a selection. Ask us for the name of your nearest Whitney dealer and a copy of the booklet, "A Little Bit of Colonial America in Your Own Home." W. F. Whitney Co., South Ashburnham, Mass.



W. F. WHITNEY CO. HG-10
South Ashburnham, Mass.

Please send me the name of the nearest Whitney dealer and a free copy of your new booklet, "A Little Bit of Colonial America in Your Own Home."

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A Fifth Avenue country house

(CONTINUED FROM PAGE 82)

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TOWELS—Martex (West Point Manufacturing Company)
KITCHEN & PANTRY SINKS—Monel metal (International Nickel Company)
KITCHEN CABINETS—White House (Jones & Kirtland, Inc.)
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ENAMELED KITCHENWARE—Federal Enameling & Stamping Company
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KITCHEN EQUIPMENT—Lewis & Conger
COPPER KITCHEN UTENSILS—Rome Mfg. Co.
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LIGHTING FIXTURES—Cox, Nostrand & Gunnison, Inc.
BATHROOM, KITCHEN AND LAVATORY WALLS—Carrara Glass (Pittsburgh Plate Glass Company)
FENCE—Anchor Post Fence Company
GARDEN PLANTING—Bobbink & Atkins
COPPER ROOF—Copper & Brass Research Association

House & Garden's bookshelf

THE BACKYARD GARDEN. By Edward I. Farrington. Boston: The Stratford Company.

THIS little volume is distinct from the one that appeared, with almost identically the same title, a decade and a half ago, and is, of course, an entirely independent work. It might well be, for great progress has recently been made in more efficiently producing vegetables in the home garden. It actually makes the subject attractive even for times different from the present. Now, when most incomes have been considerably curtailed, this little book should do much toward helping to "make ends meet." It is not written over the head of the average amateur, and does not lack in "those details that the beginner most needs to know." Beyond that it opens up possibilities of advance into things not so common, for it shows how to succeed with Melons even in the Northern parts of the country and tells about growing a dozen excellent vegetables that are unknown to the average garden-maker, or have been ignored by him, such as Celery, Scotch Kale, and Chinese Cabbage. There are a few discreet paragraphs devoted to letting vegetables encroach upon the domains of garden flowers.

Most helpful is what is said about canning and evaporating vegetables, in a manner known only in recent times, for use during the winter, and about keeping them in their natural state in cellars. Incidentally, might have been described, for persons who can not provide in the basements of their homes the coolness and the moisture needful in storing vegetables, the simple method of putting them into a large box partially sunk in the ground and protected from rain and freezing.

New to most readers will be the chapter entitled "A Garden in the Cellar." It tells how easily may be grown, even in a basement that is kept rather warm by a furnace, Seakale,

Asparagus, Rhubarb, Wiloof Chicory, Dandelion and Chives. Even the most experienced trucker might gather some helpful hints by reading this timely and successful little volume.

F. B. M.

LIVING WITH OUR FLOWERS. By Margaret A. Rowe. Cincinnati: Stewart Kidd.

HERE is a volume that inspires confidence as soon as it is picked up. It is not the ebullition of a novice who, in enthusiasm for a subject that has entranced him for a few months, eagerly tells his passion and endeavors to enthrall others. (Are there not too many garden books like that?) But it is the careful digest of what has been learned, mostly by real experience, duly chronicled and narrated with as much painstaking labor and unflagging zeal as could be expected from a person much younger.

Because most garden literature has been produced in the more rigorous portion of the temperate zone there is a new interest to be found in this work that comes from the banks of the Ohio River. It breathes an air quite different from that of the populous north-eastern part of the state and that of New York City, very different from that of New England, and milder even than that of Philadelphia. And yet, even in this, a careful study has found nothing that would betray, if, when time enters into the problem, there is made the deduction of a few days for matters relating to the spring and if a few days are subtracted from dates relating to practices in the fall. Such shrewd observations as the following apply, of course, to various climates: "When the following leaf out, one may feel quite safe from frost: Apple, Quince, Cherry, Lilacs, Dogwood, Walnut, Grape." Another one is this: "If dandelions remain closed till nine o'clock rain may be expected."

F. B. M.





THE FORGOTTEN ROOM COMES INTO ITS OWN

Charming, colorful . . . new and practical . . . these inexpensive bathroom furnishings may be bought piece by piece

Have you ever seen a lovelier bathroom? So practical. So colorful. So utterly new. So easy to duplicate in your own home with Church Ensemble Bathroom Furnishings. At last you can bring beauty into your bathroom piece by piece—knowing that each and all will *match perfectly* in color, finish and design.

Charming Vanities for the dressing room, for the bath—dainty Beauty Boxes, graceful Bathroom Chairs,

Benches and Stools, ever-so-useful Towel Stands, beautifully decorated Hampers, fascinating Mirrors, serviceable Brackets and Shelves, convenient Cabinets and Tables. All beautifully designed by Lurelle Guild and custom-built by Church—makers of Church Seats—in a choice of seven color combinations. Now being presented by leading department and home furnishing stores in their Bath Shops. C. F. Church Co., 40 W. 40th St., New York.



Church Hampers are so practical, beautifully made and decorated. So inexpensive, too! Marine, with convenient tilt front, only \$11.50. Others from \$7.50.

Church Ensemble
BATHROOM FURNISHINGS



Church Ensemble Bathroom Furnishings are most reasonable. Shelves from 95c. Hampers from \$7.50. The beautiful Bathroom Stool at left, only \$2.95.

A RESTFUL ARRANGEMENT IN RIBBED WEAVES

by B. Altman & Co. FIFTH AVENUE AT 34TH
CURTAIN AND DRAPERY DEPARTMENT—4TH FLOOR
ALSO WHITE PLAINS AND EAST ORANGE STORES

EVERYBODY'S in accord on cords, this fall. Dressmakers and decorators, in fact, seem to have formed a sort of fabric-alliance. We're wearing cord-cloth costumes and introducing the ribbed effects into the decoration of our rooms. Altman's subscribes to this kindred-feeling in fabrics and shows you how right the ribbed weaves look in a contemporary bedroom . . . all simple, straight-flowing, harmony of line. The furniture, also from Altman's, brings its own wood-tones to the blending of eggshell and brown in this grouping of fabrics.



THE DRAPERIES are of Doris cloth—a lustrous, wide-wale cord of the Ottoman family. Top-threads woven in ombre effect form a new vertical stripe across the cords. In dark brown and eggshell, this heavy, handsome cloth has a silvery sheen; in garnet-red, blue, mulberry, green or bronze, the ombre stripe is in antique gold. Pinch-pleated, fully lined, $2\frac{3}{4}$ yards in length, with draping-bands complete, \$15 the pair. Doris cloth by the yard, 50 inches wide, at \$1.95.



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THE BEDSPREAD is an English basket-weave with its cords appearing in a woven ribbon-stripe. The tiny, self-color pattern, called Kernel, shines forth from a low-luster background. This perfectly, professionally tailored spread, in eggshell, is piped with mahogany moire. Other blending combinations based on gold, green, blue, mulberry or apricot basket-weave. Single or double bed size, \$11.50.



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Hardy succulents new and old

FASHION is dictating succulent plants for 1934 gardens. Fashion, in fact, has been hinting at succulents for a number of years, but with scant success, for little has been known about how to raise Cacti and other fleshy-leaved plants outdoors. Botanical gardens have planted the ones believed to be hardy, but long before winter has given them a chance to find out, Cactus fanciers have climbed wire fences when guards were not looking and have gradually carried away whole gardens in their pockets. Commercial growers have offered a few fleshy plants for sale, but have had little knowledge of hardy types to offer. Until lately, few have done any resourceful work among Cacti and other succulents that will stand an average winter climate.

These plants, provided as they are with thickened stems or leaves for storing water during long dry spells, are essentially inhabitants of hot desert regions. The few which grow native in colder parts of the United States are always found in sand, dry prairies, or on rocks. A number of these have been cultivated with success, and lately desert succulents which surprisingly retain their vigor in the north have been added to them, as well as hardy varieties from other countries and new plants especially hybridized to withstand freezing winters.

These combined sources furnish a selection of attractive succulents for the rock garden such as would not have been possible a few years ago.

For the rockery these are ideal plants. They make themselves at home

so readily that a short time after planting, if well-grown specimens have been used, they seem permanently established. Horticulturists declare it entirely wrong to set alpine plants among them, for with their heavy stems and leaves and great variety in form, the succulents make themselves sufficient at all seasons of the year, and other plants look incongruous beside them. And when blossoming time comes, in May and June, no display is more magnificent than the brilliant, many-petaled flowers of the Cactus in yellow, purple, pink, and red.

The native *Opuntias*—and most of the introduced ones, too—have large flowers which open to the sun like glorified yellow Water-lilies. *Opuntia polyacantha*, with heavy spines, bears the palest colored flowers, but both these and the blossoms of *O. missouriensis* and *O. fragilis* (the latter distinguished by the very small oval sections of its stem) shade at times from yellow into a glowing red. The only generally red-flowered species is the grizzly-bear (*Opuntia erinacea* or *O. ursina*) which one grower has brought north and east from Death Valley, hottest region in the United States, and found to winter perfectly in his outdoor rock garden. Though at first glance this plant resembles the old-man Cactus, with its shaggy hairs, it belongs to a different genus and thus has a different flower—a flatter one of paler tones. The crazy angles assumed by the sections of the stem make this *Opuntia* frequently look like a great sprawling, clumsy bear.

The irregular disks, by the way, which are joined to each other at such rakish angles in most species of *Opuntia* are in all cases sections of the many-jointed stem. The leaves, if they exist at all, are minute scales which appear for a short time at the base of each cluster of spines. Most Cacti are, in fact, entirely leafless. The spiny, expanded part is the stem. The cushion or column which forms the prominent part of some other Cactus plants is also merely a leafless stem. Even the arborescent types—those which, in their younger years, look like modernistic miniatures of trees—such as the hardy *Opuntia arborescens* or *Opuntia neo-arbuscula*, are all stems and spines, no leaves at all.

The cushion-shaped *Echinocereus Baileyi* (to a mariner this is a sea-urchin taken to land) is the hardiest and best of all Cacti for outdoor planting. Its small body is almost solidly beset with prickles, from among which burst masses of lovely rose-colored flowers in spring.

Three species of *Echinocereus* have only recently been found to be hardy—*E. coccineus* and *E. triglochidiatus*, both with bright red flowers, and *E. pectinatus* with lavender. *E. setispinus*, with its yellow blooms, has long been popular in rock and Cactus gardens.

Echinocereus species, in fact, form the best base on which to graft more tender Cacti or other hardy ones when quick growth or fantastic patterns are desired. *Cereus sylvestris*, for instance, forms a cluster of tiny, spiny

fingers lopping over one another atop the barrel-shaped *Echinocereus* base. In mid-summer appear large scarlet flowers which wholly belie the diminutiveness of the stems.

One species of *Echinocereus* can be grafted on another, or a *Mammillaria* can be made to top an *Echinocereus* column. There, on their own roots in the garden, or among their native western rocks, plants of *M. vivipara* produce lovely bell-shaped red or purple flowers, partly fringed; *M. missouriensis* opens buff-colored blossoms to the sun in early summer, while *M. montana* blankets the ground with pink.

But Cacti are not the only succulents suitable for the rock garden. The Euphorbias, for instance, give infinite variety to the planting. Most showy is *Euphorbia corollata*, the flowering spurge, which grows tall and delicate, displaying fine white flowers like Baby's-breath, all summer long. Though this is known as a wildflower from the Mississippi eastward, it is no less attractive in the garden, softening the harsh lines which too many Cacti are apt to make.

Very different is the Cypress Spurge (*Euphorbia cyparissias*) which covers rough spots with a growth resembling close-set seedlings of some evergreen. Two other good Euphorbias for the outdoor succulent garden are *Euphorbia myrsinites*, bearing many large yellow flowers and spirals of highly glaucous, fleshy leaves which remain fresh all winter, and *E. polychroma*,

(Continued on page 99)

Landscapes



A special folder presenting Roses, Tree Peonies, rock-plants, and perennials for fall planting will be mailed on request.

Catalogues describing our extensive line of trees, roses and shrubs will be mailed on request to points east of the Mississippi River (50 cts. per copy west of the River). In writing please state what you intend to plant so that the correct book may be sent. Also please mention *House & Garden*.

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require evergreens, shade trees, flowering shrubs and roses of the finest quality. For more than a generation American gardens and grounds have been made beautiful and fragrant with the "world's choicest nursery products." Therefore it is gratifying to announce that the landscape materials used to enhance the charm of the Regency House were supplied from the nurseries of Bobbink & Atkins.

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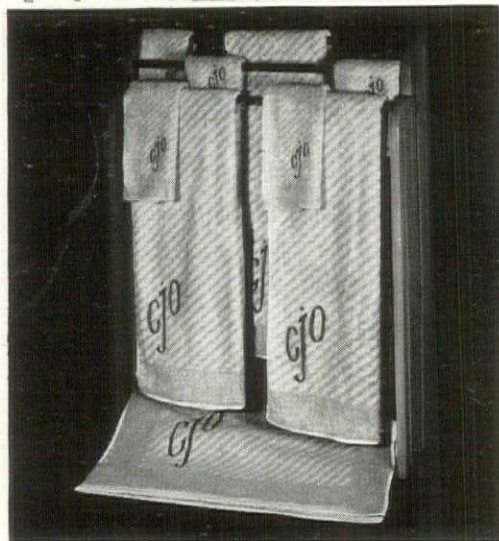
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Gardener's scrapbook

DIGGING DAHLIAS. October is usually the month which sees the blackening of the Dahlias by a night of sharp frost—an unwelcome occurrence, but one which is as inevitable as taxes or the evils of prohibition. For the Dahlia, native of Mexico and consequently dependent upon warmth, can endure but little in the way of cold weather.

Once the upper growth of the plants has died, there is no point in leaving the tubers in the ground; their work is over for the year and the sooner they are dug the better. First, though, the stalks should be cut off cleanly an inch or so above the ground and all the debris of leaves, branches, etc. cut away.

Actual digging is best done with a spading fork, thrusting its tines deeply into the soil eight or ten inches away from the crown of each plant and lifting carefully so as not to break the slender "necks" of the clustered tubers. As each plant is removed it is turned upside down to drain out any liquid which may be in the hollow stem, and left there to dry in the sun for several hours. Unless this is done there will be danger of mildew and rot setting in during the winter storage season.

Various methods of packing the tubers during the winter are used, but perhaps the most satisfactory is to line deep wooden boxes with several thicknesses of newspaper, put the tubers in them and pour in dry, clean sand or peatmoss until the topmost part is covered some three inches deep. Such a plan obviates shriveling of the tubers and at the same time prevents their suffering from undue dampness. The filled boxes, of course, are placed in a cellar or other cool place where the temperature remains above the freezing point.

FALL DIGGING. Spading or plowing up raw soil and leaving it rough over the winter is not only a good way to improve its texture but also results in the death of many harmful insect grubs and eggs through exposing them to the full rigors of the weather. Such of these pests as hibernate in the earth seem to be able to withstand a deal of cold so long as their retreats are undisturbed, but expose them to the air and their days are numbered. They are especially to be found in sod or grass land—which, by-the-way, is one of the types of soil whose texture is most benefited by lying rough from fall until early spring.

WINTER CELERY. It is not difficult to keep Celery in the cellar for several months if it is dug just before the ground is likely to freeze hard and brought into the cellar.

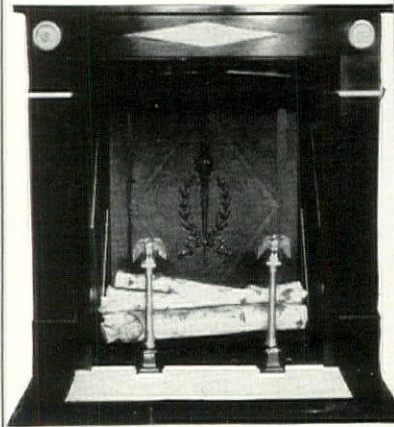
When it is taken up, as much earth as possible should be left around the roots. The plants should be set closely against the cellar wall in a row, and watered at once. At no time is the soil to be allowed to dry out, but care must be taken to keep the water from contact with the leaves, lest they decay.

The Celery will be of better quality if newspapers or blankets are hung over the windows of the cellar to exclude the light. When new growth be-

(Continued on page 102)

Edwin Jackson Fire-place Fixtures have been chosen for the "House of Years"

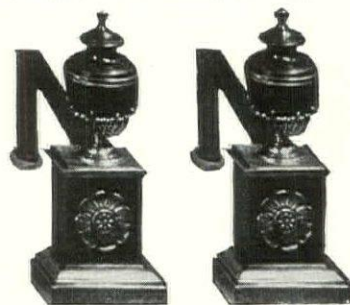
Edwin Jackson Inc.
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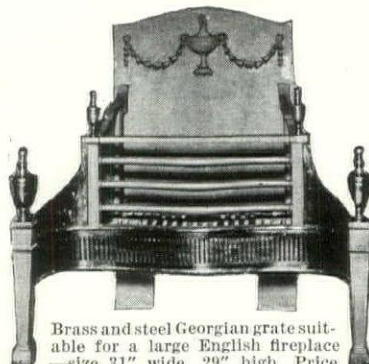
A mantel of Directoire derivation marbleized black and white. This mantel harmonizes with Biedermeier, Regency and Modern furniture. Price of mantel \$60.



Unusually interesting Franklin stove originally in the Tavern at Brookfield, Conn. Price of original \$250. Exact reproductions \$100. Other reproductions of Franklin stoves from \$30. to \$100.



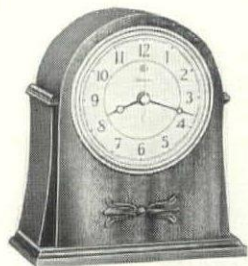
A charming little French andiron, 9 inches high in a combination of very dark green or black with ornaments in French gold finish. \$33. a pair.



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SELF-STARTING ELECTRIC CLOCKS

Hardy succulents new and old

(CONTINUED FROM PAGE 97)

adorned with many tones of yellow on the leaves of the flower-stem.

There are countless Sedums and Sempervivums appropriate for the succulent garden—a hundred species or more altogether—many of which have been treated in previous articles in this magazine.

Echeverias have long been favorite plants for indoor culture, but until recently none has proved hardy enough to keep outdoors. Three, however, are now on the list—*Echeveria secunda glauca*, an old indoor favorite of pale bluish-green with reddish tips and margins to the leaves; *E. palmeri*, a distinct type with creeping root-stalks, small rosettes of leaves, and spikes of yellow flowers; and *E. weinbergi hybrida*, a new horticultural variety from the nursery of W. A. Manda in South Orange, N. J., whose gardens of succulent plants are of outstanding interest.

Echeverias are perhaps the most beautiful of the succulents with the characteristic basal rosette of leaves, because of the unusual reddish tints which show through the glaucous leaf surfaces as delicate rose.

Century plants are always popular, not so much because they are beautiful, but rather because legend credits them with blooming only every hundred years. The fact is, while some species may wait a quarter that long, others will blossom every summer. *Agave virginica*, which is native to most of the southeastern quarter of the

United States, sends up a spike of sweet-smelling, greenish-yellow flowers every year. When the flowers are gone, the foliage dies down, and after a rest the root sends up a new rosette of dagger-like leaves, from the center of which, before the year is out, another flowery wand will arise.

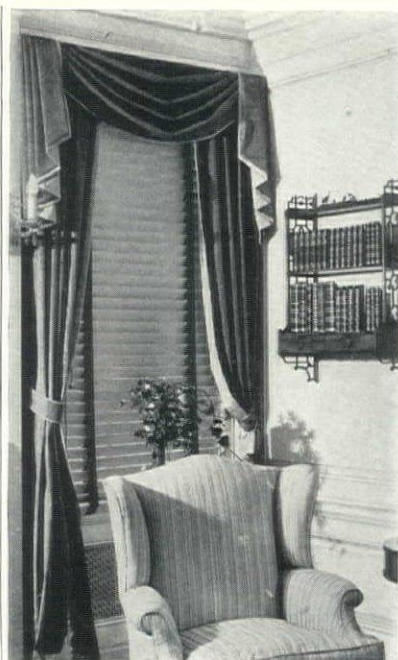
Agave utahensis and *A. Nicholsi* are other "century" plants which help to create striking pictures in the rock garden.

Similar in the thick, tough, tapering leaves which grow in a nearly erect rosette are the Yuccas—Adam's Needle, Bear-grass, Spanish Bayonet. The larger ones, especially, when the tall spikes of white flowers come into bloom, add mountainous height to the rock garden of average size—though care must be taken not to overbalance a small plot with too large a plant of this type.

Distinctive enough in itself to deserve a place among the spiny succulents, the lavender-cotton, *Santolina incana*, offsets these geometric plants with a pleasant softness.

If one craves greenery all winter long over otherwise bare rocks, there is a blue-grass, *Festuca glauca*, which is admirable, for it can serve good purpose at every season. Its fine soft leaves, which are more nearly blue than green, seem never to lose their freshness, and while this grass can fill pockets inconspicuously in summer, it can stand alone in winter as a con-

(Continued on page 101)



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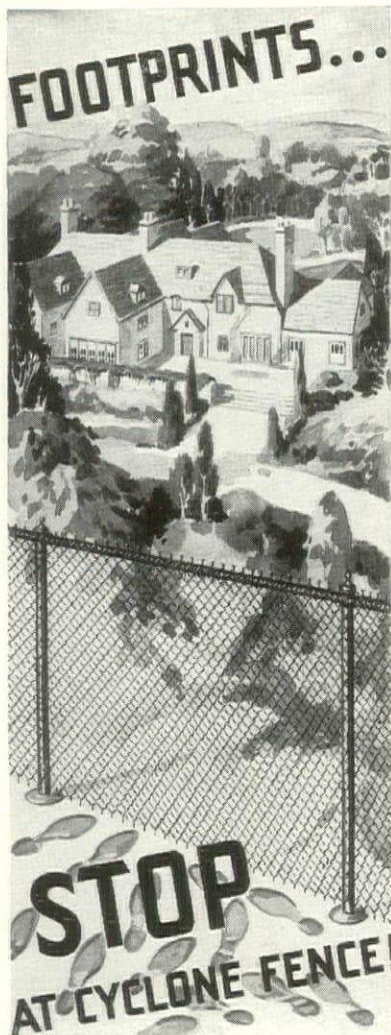
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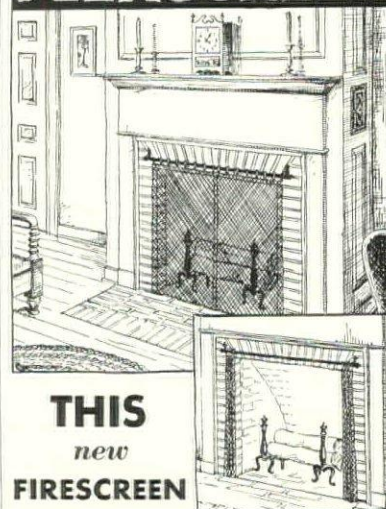
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Genuine
SIX-WAY PILLOW
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Hardy succulents new and old

(CONTINUED FROM PAGE 99)

stant reminder of the coming spring.

Seeding is a fairly certain way of raising Cacti, but is extremely slow. Cuttings, therefore, are a more satisfactory method of propagation.

The important thing to remember about cuttings—as about the plant from which they have been taken—is that at that stage they are wounded, imperfect plants which demand as precise a program of treatment as a person after an operation. Reduced light, reduced water, reduced temperature—these moderations will help them to pull through the dangerous period when the cut is healing, or callousing. If excesses are allowed to either the parent plant or the cutting, rot is likely to attack the raw surface, and, unless it is caught and removed at once, it may cost the life of the plant.

The best soil for the succulent garden is the virgin soil from a pasture, from which the top grass roots have been scraped. The first six inches of fibrous soil below the top form the perfect medium for the plants described above. Or, leaf soil can be satisfactorily used. As a rule, no fertilizer will be required except an occasional dressing of leaf-mold—the natural fertilizer of the plants as they grew in the wild state. Some growers like to add a pinch of slack lime to the soil, which, since most Cacti grow in calcareous regions, gives them a natural composition from which to draw sustenance. It is sufficient, however, if one waters them occasionally

with a weak solution of lime-water.

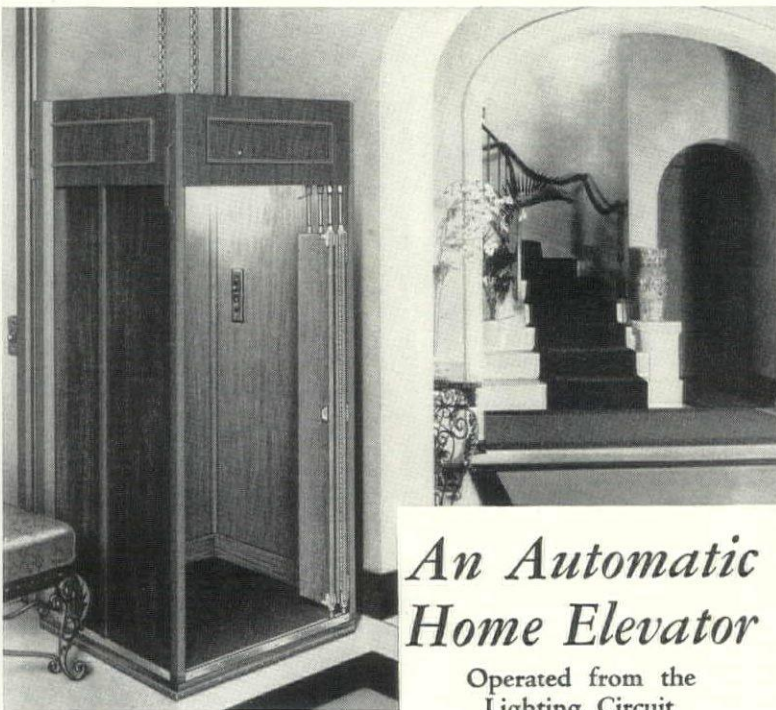
Cacti enjoy a porous rock. Their roots cling to it well, and they act—and look—more at home than beside a smooth rock.

The soil should be dropped in between the rocks, where the drainage will be deep, for drainage, important with all plants, is a life-and-death matter with these specimens adapted to deserts. They can stand a good thorough soaking now and then if summer rain does not supply it—for even in their native habitat it rains occasionally—but in the sandy or rocky regions where they once dwelt, the rain-water ran off quickly, and so it must do in the garden. Each plant must be so placed that the water will drain away rapidly, and not settle in the heart of any plant.

This new idea of calling Cacti hardy and leaving them alone outdoors all winter is going to be difficult to impress on many people—especially those who are over-fond of covering their plants and often smothering them. The plants mentioned here have all been grown outdoors in New Jersey, and all have lived through several winters without covering. Even farther north, if snow fell early they would be well protected.

But if one feels uneasy when the cold winds blow (though it is the warmer days that do the most harm), evergreen branches, preferably hemlock, can be stuck in the ground in

(Continued on page 102)



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Operated from the
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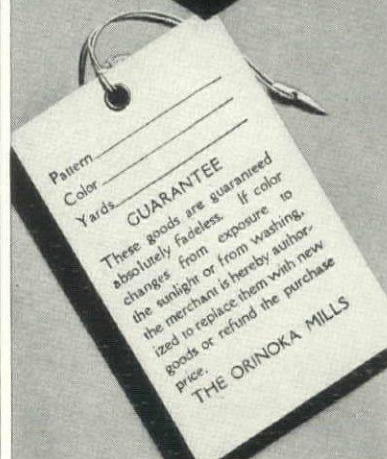
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Hardy succulents new and old

(CONTINUED FROM PAGE 101)

front of the plants and allowed to fall gently over them. These will not stop the air from circulating and will shield the plants from the sun which on warm days would start the sap running and expose them to sudden freezing when the air turned cold again.

Every rule, of course, will not apply to every plant in the succulent garden. These are all general rules, to be modified for the peculiarities of the species.

Do not depend too much on "how to do" admonitions. Study your plants, learn about the native home of each, and duplicate its conditions so far as possible in your garden. Think of the sun, the dry ground, the occasional rain, dew at night, and always a porous soil to carry off water. If these are the conditions from which your plants were taken, they will be easy to imitate in your garden.

—CAROL H. WOODWARD.

Gardener's scrapbook

(CONTINUED FROM PAGE 98)

gins to appear the old leaves and stalks can be cut off. Handled in this way you can expect new growth which will be solid, well blanched, sweet and crisp.

BULB PLANTING. In localities where six weeks or more may be expected before hard freezing weather, spring-flowering hardy bulb planting may still be carried out. Tulips, Narcissi, Hyacinths, Scillas and Snowdrops are among those whose blossoms no flower lover need lack if the bulbs are set properly in the autumn.

Concerning the details of how deep and at what intervals these winter-resisting corms should be set there is perhaps no need to speak here, for they are well known and, even if they should be unfamiliar, are easily secured from the plantsman from whom the bulbs are purchased. A suggestion or two concerning suitable soil, however, will not be out of place.

It is a mistake to assume that bulbs care nothing about the character of their soil surroundings, as so many people do. These plants can be at their best, and produce their finest blossoms, only when in reasonably rich, light and well cultivated earth. If in soggy, heavy soil they will be inferior in direct proportion to the degree of these conditions.

So give them a fair chance to succeed and multiply normally by selecting a well drained site, mixing sand with the earth if it is clayey, and putting in a handful of bone meal to every half-dozen bulbs. Thus will you insure nourishment for several years

to come and a resultant healthy increase and quality.

INDOOR PLANTS. Atmospheric moisture indoors, especially during the winter period when heating is required, is generally far below a normal healthy degree for plants, and frequently this extreme dryness of the air is the cause of their dying off in a very short time. During severe cold spells when a hot furnace fire is needed to keep the house reasonably warm, plants suffer especially from lack of moisture in the air. This can be remedied by keeping trays of water on or near the radiators and taking care that the soil around the roots of the growing plants is never allowed to dry out too much.

Ventilation of rooms is all-important where people live, and the lack of it is deadly in a short time to delicate plants. Foul air injures plants before a person is really aware of its presence, so it is a good practice to have a small amount of ventilation at all times, regulating it according to the severity of the outside weather. The greenhouse man knows that the more ventilation there is even in a building where nothing but plants is growing the better will be the quality of his plants and flowers. This is doubly important in living rooms where people assemble.

The temperature best suited to indoor plants varies closely around sixty-five degrees, for most of them. While a range of ten or fifteen degrees does not injure the majority, it is better

(Continued on page 103)

THE GARDEN MART

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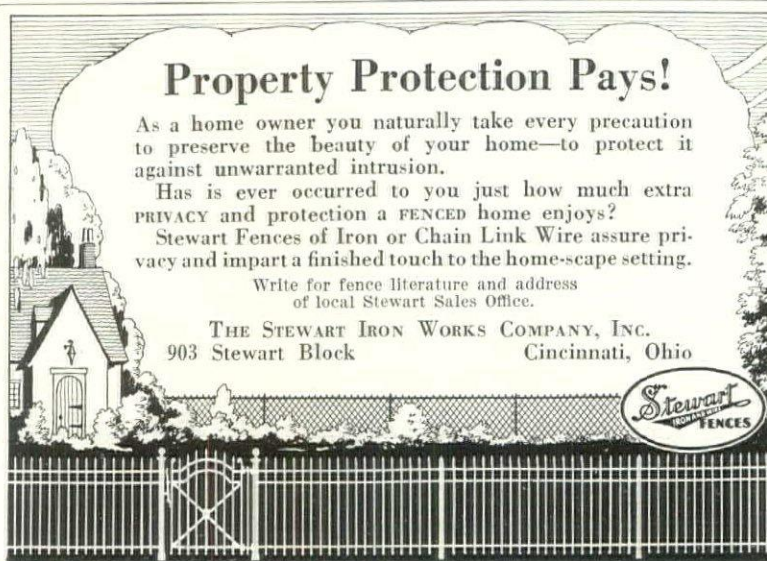
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Gardener's scrapbook

(CONTINUED FROM PAGE 102)

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An Intimate Section

Turn to The Garden Mart on page 102 for all manner of rare plants and unusual garden gadgets. It is the meeting ground for those who want distinctive items not commonly found.

to try and keep the temperature close to sixty-five.

THE CLEAN-UP. This month sees the passing of practically all the hardy perennials and the withering of their foliage and stalks. It witnesses, too, the clearing away of these reminders of past beauty in every garden whose owner takes pride in maintenance.

Cutting off the dead stalks close to the ground and destroying them is not merely a measure to better the border's appearance. Quite as important are its controlling effect upon plant diseases and insect pests which might otherwise survive the winter and attack again in the spring, and its influence upon next season's work. There is always a great deal to do in spring, and if there is no need to clean up the perennial clumps one will be just that much better off.

In general, this fall cutting should remove the old growth just above the ground line. A sharp sickle will do for most of it; other more wiry stalks will have to be snipped with shears or a knife. In no case should the crowns of the plants be harmed or roots loosened.

TREE AND BUSH SEEDS. Seed germination, we suppose, will always remain something of a mystery to mankind. Indeed, it would be unfortunate were it ever robbed of its almost supernatural quality, for we need to retain imaginative things in these mechanized

days. Reduction of phenomena to mathematical equations has already gone too far for those of us who still like to feel that there is some Power besides steam and electricity.

Why, for instance, is it not good for us to accept as a mere minor act of God the changes which take place in seeds like those of the Dogwood, Viburnum and Bittersweet when we sow them in some sheltered spot during October, lay on a good mulch of dead leaves as winter protection against heaving of the soil, and let them stay there until spring? It is not important that we know exactly the action of the elements on the life germ within such a seed's hard shell, or even on the shell itself. What we are really interested in is whether or not two wee leaves and a fragile stem will creep tentatively from the soil next spring. If they do, then is the mystery given a sharper point.

Whether we want to understand the process or not, the fact remains that the majority of hard-shelled tree and shrub seeds need a prolonged period of chilling before they will come to active life. There are artificial ways of meeting this requirement which cannot be gone into here, but at least fair results generally come from following Nature's lead in the matter. Rather sandy loam, freedom from the wash of heavy rains, and a good mulch to keep things frozen—these are the requirements in outdoor sowing.

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grow better every year

Planted outdoors, Dreer's Narcissi or Daffodils need little attention, the clumps usually multiplying and giving larger and finer results each year. The Giant Trumpet sorts are the showiest of all, and are easily grown indoors or out. In addition to the following, Dreer's offer 7 other giant sorts—12 in all. *Olympia*, strong growing, free flowering, even larger and richer in color than the well-known Emperor, \$2.25 per doz., \$15. per 100. *Robert Sydenham*, flowers averaging 5 inches across, wide overlapping perianth of clear yellow, and wide, frilled golden yellow trumpet, \$2.25 per doz., \$15. per 100. *Van Waveren's Giant*, regarded the largest Narcissus, primrose yellow perianth and immense bright yellow trumpet, \$2.50 per doz., \$17.50 per 100. *Emperor*, one of the finest Daffodils, large yellow trumpet and wide overlapping primrose perianth, \$1.50 per doz., \$11. per 100. *Empress*, one of the best bicolors, snow-white perianth and trumpet of rich yellow, serrated and flanged at the edges, \$1.50 per doz., \$11. per 100.



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FALL HOUSE PLANNING

IN THE NEXT ISSUE OF HOUSE & GARDEN

"Planning" is one of those irresistible words. And if you have as much fun reading this next issue as we are having in its preparation, all will be well. What will you see?

Architecture

A portfolio which shows the variety of styles which are dear to American hearts and indigenous to American soil. Grand houses—the one you must have is bound to be among them.

Repeal

"Planning the cellar for Repeal" is a practical article to help bewildered citizens of the dry era make the most of their cellars. How to arrange them and what to put into them. The mouth waters at the very thought.

Foolproof house plants

Anyone who loves a bit of greenery about the house will like this article on plants which will thrive indoors. It's all a matter of knowing which to choose—and how to treat them.

Pre-theatre buffet

Or how to get your guests to the theatre before the third act. Words of wisdom for the hostess who prides herself on being just a little different.

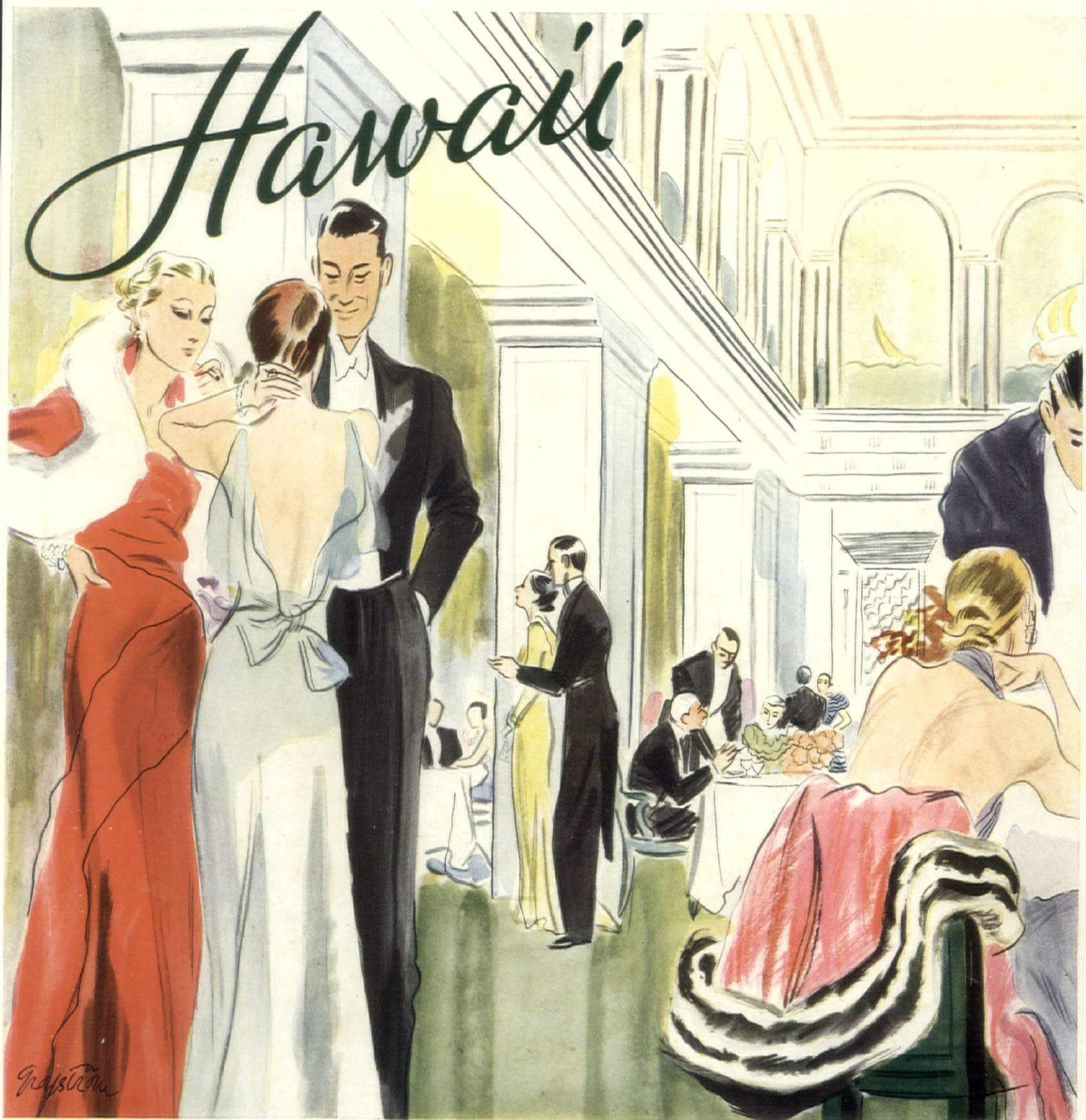
Marketing in New York

Tracking down rare foods in the wilds of Manhattan—a really exciting guide for gourmets.

Pictures of beautiful rooms

Of course—that's standard equipment for every issue. But how tell you about the other treats in store for you . . . the beauties of the colour photographs . . . the news for gardeners . . . the article on ceilings, the one on Italian Provincial Furniture . . . the varied pictures and text which make House & Garden what it is. Wouldn't this next issue make a good starting point for a subscription? Two years are \$4, one year, \$3.

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From Start to Finish



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